

medicines
patent
pool

MedsPaL

Update on initiatives on publicly accessible
databases of patent status information
concerning medicines and vaccines

WIPO 36th SCP, Geneva, October 16th 2024

[MEDICINESPATENTPOOL.ORG](https://www.medicinespatentpool.org)

1. The Medicines Patent Pool
2. Introduction to MedsPaL
3. MedsPaL tour

What is the Medicines Patent Pool?

MPP is a public health organization established in 2010 to accelerate access to **new medicines** and **health technologies** in Low- and Middle-Income Countries (LMICs), and facilitate further innovations

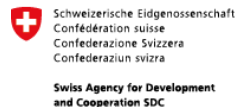
Operates through transparent, non-exclusive **voluntary licensing of intellectual property (IP)** rights and **technology transfer**

Initially focused on **HIV**, but mandate has progressively expanded to include **hepatitis C, tuberculosis, other patented essential medicines, COVID-19**, and **pandemics and other health emergencies**

MPP co-leads the **mRNA technology transfer programme** with WHO, an initiative that has been established to enhance sustainable mRNA vaccine manufacturing capacity in LMICs



Funded by:



MPP model in practice

Patent status of medicines is one key input into prioritisation for in-licensing

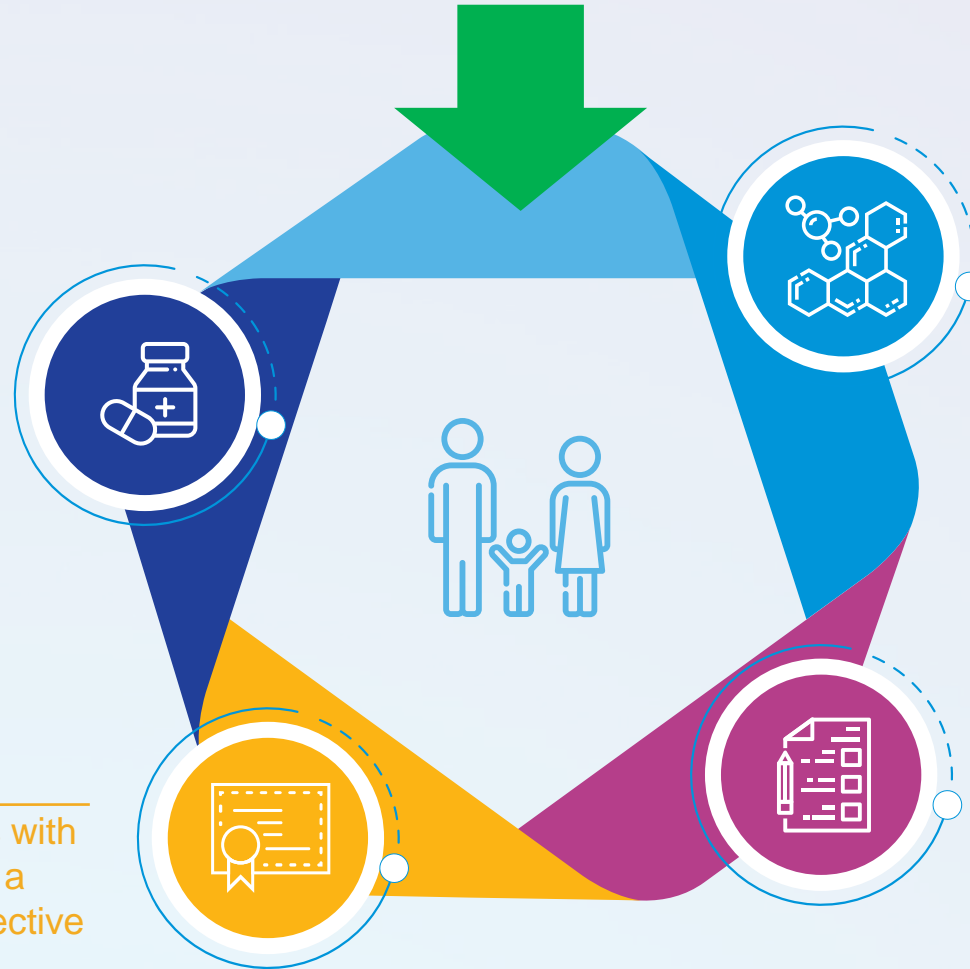
1.
Identify medicines needed in low- and middle-income countries where licensing can improve access

2.
Negotiate licences with patent holders from a public health perspective

5.
Collaborate with various partners to increase access and improve health in LMICs

4.
Work with generic manufacturers to accelerate the development and registration of adapted formulations for LMICs

3.
Sublicense to selected generic pharmaceutical companies committed to supplying LMICs



1. The Medicines Patent Pool
2. Introduction to MedsPaL
3. MedsPaL tour


MedsPaL – the Medicines Patents and Licences database

2016
FREE searchable
database
launched

Patent and Licensing
status of essential
medicines in LMICs

2024
May - New
version
released

New design with
enhanced content and
new/improved
functionalities



MedsPaL
THE MEDICINES PATENTS AND LICENCES DATABASE

MedsPaL provides information on the patent and licensing status of selected HIV, hepatitis C, tuberculosis and other patented essential medicines in low- and middle-income countries. For more detailed and up-to-date information on a given patent application, MedsPaL users are encouraged to contact the national patent office or consult legal counsel.

Additional information and disclaimer

MedsPaL now includes some of the patented medicines being tested for the treatment of COVID-19

SEARCH VIEW | MAP VIEW

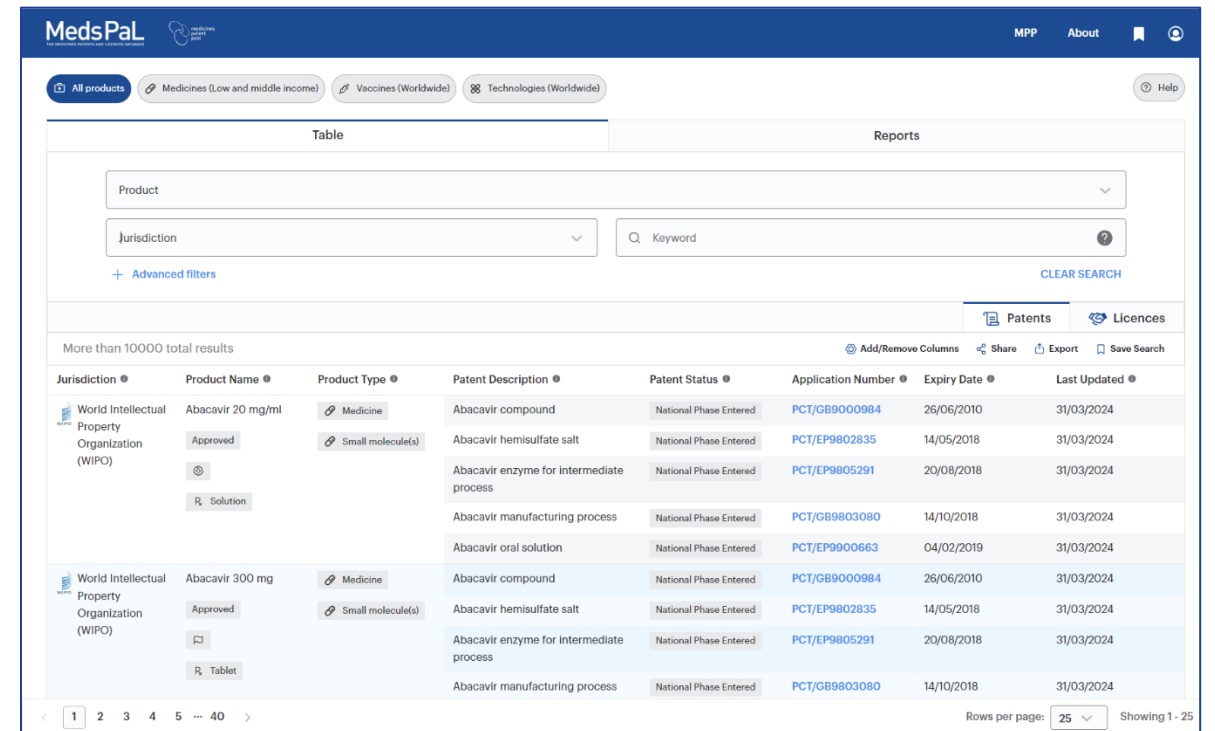
Keyword Search

Products | Jurisdictions | Disease Areas

Add/Remove Columns | Export Patent Data | Share This Search | Clear Search

Showing results 1 through 30 out of 23,085 total results

Jurisdiction	Product Name(s)	Disease Area(s)	Patent Description	Patent Status	Patent Application Number	Expected Expiry Date	Last Updated Date
World Intellectual Property Organization (WIPO)	Abacavir 20 mg/ml	HIV	Abacavir compound	National Phase entered	PCT/GB9000984	26/06/2010	31/03/2024
			Abacavir hemisulfate salt	National	PCT/EP9802835	14/05/2018	31/03/2024



MedsPaL

All products | Medicines (Low and middle income) | Vaccines (Worldwide) | Technologies (Worldwide)

Table | Reports

Product: Abacavir 20 mg/ml

Jurisdiction: World Intellectual Property Organization (WIPO)

Keyword: [Search]

+ Advanced filters | CLEAR SEARCH

Patents | Licences

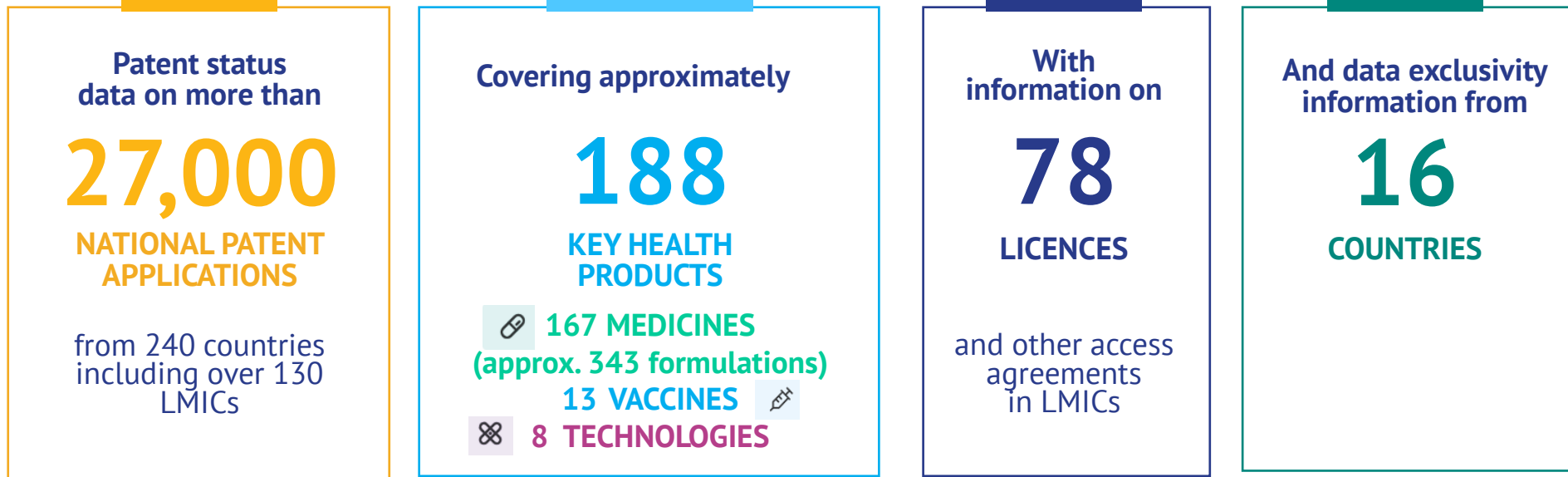
More than 10000 total results

Jurisdiction	Product Name	Product Type	Patent Description	Patent Status	Application Number	Expiry Date	Last Updated
World Intellectual Property Organization (WIPO)	Abacavir 20 mg/ml	Medicine	Abacavir compound	National Phase Entered	PCT/GB9000984	26/06/2010	31/03/2024
			Abacavir hemisulfate salt	National Phase Entered	PCT/EP9802835	14/05/2018	31/03/2024
			Abacavir enzyme for intermediate process	National Phase Entered	PCT/EP9805291	20/08/2018	31/03/2024
			Abacavir manufacturing process	National Phase Entered	PCT/GB9803080	14/10/2018	31/03/2024
			Abacavir oral solution	National Phase Entered	PCT/EP9900663	04/02/2019	31/03/2024
World Intellectual Property Organization (WIPO)	Abacavir 300 mg	Medicine	Abacavir compound	National Phase Entered	PCT/GB9000984	26/06/2010	31/03/2024
			Abacavir hemisulfate salt	National Phase Entered	PCT/EP9802835	14/05/2018	31/03/2024
			Abacavir enzyme for intermediate process	National Phase Entered	PCT/EP9805291	20/08/2018	31/03/2024
			Abacavir manufacturing process	National Phase Entered	PCT/GB9803080	14/10/2018	31/03/2024


Rows per page: 25 | Showing 1 - 25

What does MedsPaL contain?

*Most comprehensive **open-access/free** source of information on the patent and licensing status of **patented key health products** in **low- and middle-income countries**.*

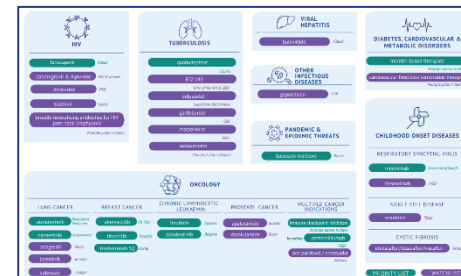
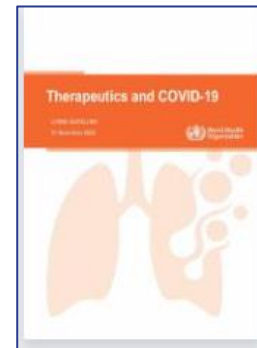
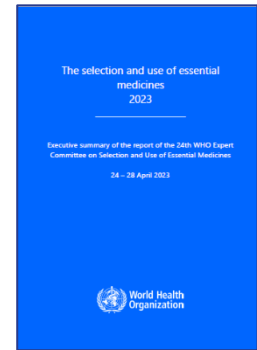


Which Medicines does MedsPaL cover?

 Medicines (Low and middle income)


KEY HEALTH PRODUCTS
167 MEDICINES
 (approx. 343 formulations)
13 VACCINES
8 TECHNOLOGIES

- Medicines that are included in the Model lists of Essential Medicines of the World Health Organisation (WHO EML) across all disease areas. Only medicines still protected by a primary or secondary patent at the time of their inclusion to the EML are added to the database.
- Patented medicines recommended by WHO for the treatment of COVID-19.
- Medicines prioritised for MPP licensing



-> Patent information: in LMICs

Which **Vaccines** does MedsPaL cover?

 Vaccines (Worldwide)

**KEY HEALTH
PRODUCTS**
167 MEDICINES
**(approx. 343
formulations)**
13 VACCINES
8 TECHNOLOGIES

Selected COVID-19 **Vaccines** that received Emergency Use Listing from the World Health Organisation WHO until 31 December 2022 (previously included into VaxPaL, now discontinued).

Content will evolve over time to cover **other key patented vaccines**.

-> Patent information: worldwide coverage.

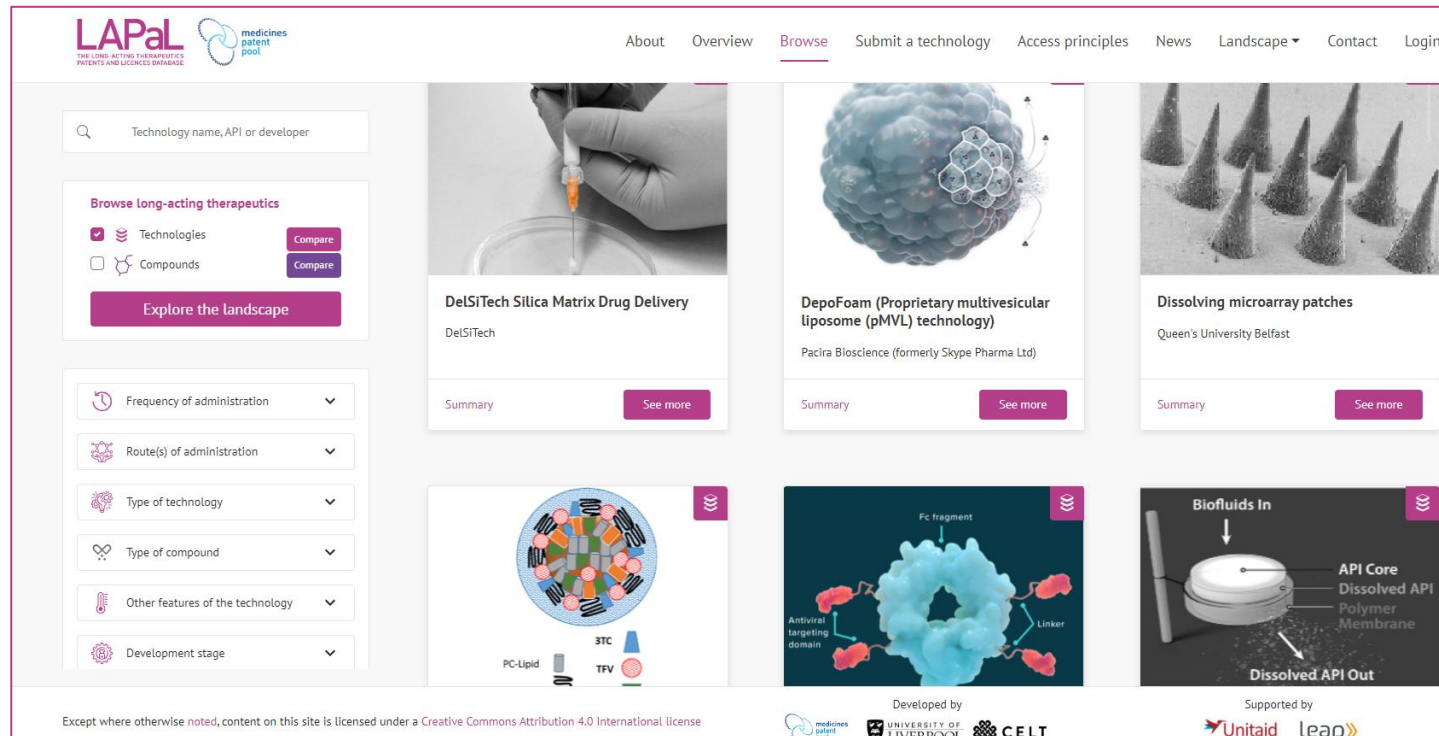
Which **Technologies** does MedsPaL cover?

Technologies (Worldwide)

KEY HEALTH PRODUCTS
167 MEDICINES
 (approx. 343 formulations)
13 VACCINES
8 TECHNOLOGIES

Long-acting **Technologies** selected by MPP in the context of [LAPaL](#), the Long-Acting technologies patents and licences database, a free online resource coordinated by MPP.

-> Patent information: worldwide coverage



The screenshot shows the LAPaL website interface. At the top, there is a navigation menu with links for About, Overview, Browse, Submit a technology, Access principles, News, Landscape, Contact, and Login. Below the navigation is a search bar labeled 'Technology name, API or developer'. On the left side, there are several filter sections: 'Browse long-acting therapeutics' with checkboxes for 'Technologies' (checked) and 'Compounds'; 'Frequency of administration'; 'Route(s) of administration'; 'Type of technology'; 'Type of compound'; 'Other features of the technology'; and 'Development stage'. The main content area displays a grid of technology cards. Each card includes an image, a title, the developer's name, and a 'See more' button. The visible cards are: 'DeLSiTech Silica Matrix Drug Delivery' by DeLSiTech; 'DepoFoam (Proprietary multivesicular liposome (pMVL) technology)' by Pacira Bioscience (formerly Skype Pharma Ltd); 'Dissolving microarray patches' by Queen's University Belfast; 'Biofluids In' showing a cross-section of a device with 'API Core', 'Dissolved API', 'Polymer Membrane', and 'Dissolved API Out'; and a diagram of a liposome structure with 'Fc fragment', 'Antibiotic targeting domain', and 'Linker'. At the bottom, it states 'Developed by' with logos for Medicines Patent Pool, University of Liverpool, and CELT, and 'Supported by' with logos for Unitaid and leap.

How is Patent data for MedsPaL obtained?


Patent status data on more than
27,000
NATIONAL PATENT APPLICATIONS
from 240 countries including over 130 LMICs

Which are the relevant patent for this product ?


- USFDA Orange book 
- Health Canada patent register 
- Publicly available licences
- Published patent landscapes (e.g. by WHO or UNITAID)
- MPP patent searches

1- Identification of basic/relevant patents

Where have equivalents been filed ?

- 2 -Collection of related patent family information**
- INPADOC Patent family, biblio and legal events 
 - WIPO Patentscope
 - Patent holder disclosures (e.g. to national patent offices; Pat-Informed, MPP licences)

What is the status of those applications/patents in those countries ?

- Online national and regional PO registers
- National patent collections on WIPO PatentScope
- INPADOC Legal Status data 
- **Direct communications with patent offices**, local experts
- **MOUs with patent offices**

3 - Status check & updates

What Licences are included?

With
information on

78

LICENCES

and other access
agreements
in LMICs

Types of Licences		Information in MedsPaL
MPP Licence	Voluntary licences negotiated by the Medicines Patent Pool with agreed Terms and conditions	Full information on the licences including links to summaries and full text
Bilateral licence	Non MPP Voluntary licences between originators and generics	Information on countries, products, licensees (where public or provided by patent holder for public disclosure)
Commitment not to enforce patents on a given product	Commitments by Originators not to enforce patents on a given product	Information on countries and products
Compulsory licence	Issued by a Government In some countries may be applied/requested by a third party Against the will of the patent holder	Based on publicly available information

What is Data exclusivity?

And data exclusivity
information from

16
COUNTRIES

Data Exclusivity (DE) is a period of a few years (depending on the country) from the initial marketing authorisation of a medicine during which the holder of the authorisation benefits from exclusive rights on the results of the preclinical trials and clinical trials on the drug.

DE prohibits the regulatory authorities from allowing another manufacturer to rely on the data of an innovator/originator to support approval of another product.



Some LMICs have adopted regulations providing for data exclusivity (DE) e.g. 6 years in Kazakhstan and Russia from the date of national registration.

Data on MedsPaL: DE expiry dates from 16 countries (Needs to be updated)

Other regulatory exclusivities may exist e.g. market, orphan...

1. The Medicines Patent Pool
2. Introduction to MedsPaL
3. MedsPaL tour


MedsPaL THE MEDICINES PATENTS AND LICENCES DATABASE

MPP **About**  

All products Medicines (Low and middle income) Vaccines (Worldwide) Technologies (Worldwide) Help





Table Reports





Product

Jurisdiction Keyword 

+ Advanced filters CLEAR SEARCH

Patents Licences

More than 10000 total results    

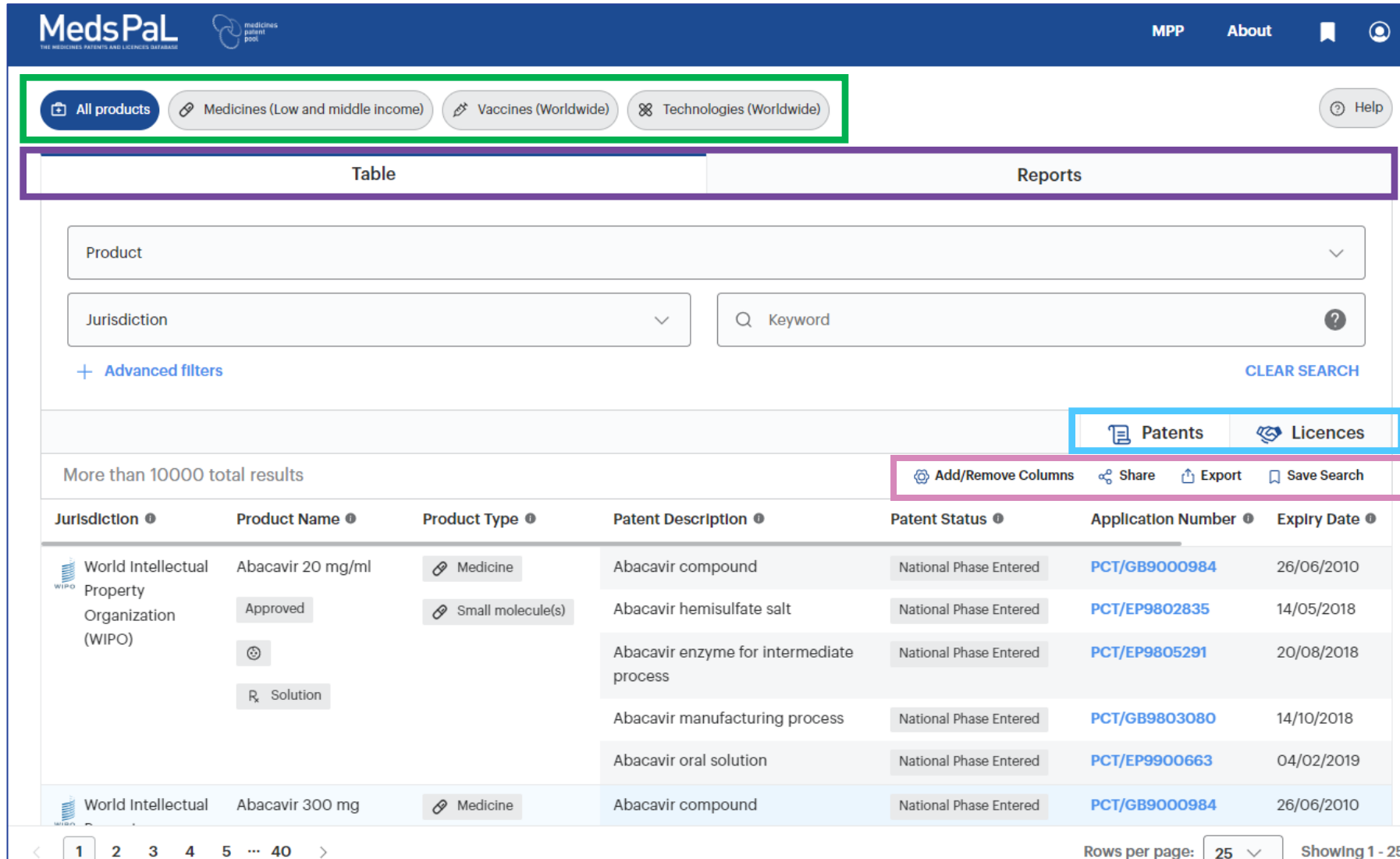
Jurisdiction	Product Name	Product Type	Patent Description	Patent Status	Application Number	Expiry Date
 World Intellectual Property Organization (WIPO)	Abacavir 20 mg/ml	Medicine	Abacavir compound	National Phase Entered	PCT/GB9000984	26/06/2010
	Approved	Small molecule(s)	Abacavir hemisulfate salt	National Phase Entered	PCT/EP9802835	14/05/2018
			Abacavir enzyme for intermediate process	National Phase Entered	PCT/EP9805291	20/08/2018
	 Solution		Abacavir manufacturing process	National Phase Entered	PCT/GB9803080	14/10/2018
			Abacavir oral solution	National Phase Entered	PCT/EP9900663	04/02/2019
 World Intellectual	Abacavir 300 mg	Medicine	Abacavir compound	National Phase Entered	PCT/GB9000984	26/06/2010

Rows per page: 25 Showing 1 - 25

Menu

- About Us >
- TOU and Disclaimer >
- FAQ >
- Funded By >
- Useful Resources >
- Privacy Policy >
- Contact Us >

Main page and functionalities



The screenshot shows the MedsPaL website interface. At the top, there is a navigation bar with the MedsPaL logo and the text 'THE MEDICINES PATENTS AND LICENCES DATABASE'. To the right of the logo are links for 'MPP', 'About', and a user profile icon. Below the navigation bar is a search bar with a 'Help' button. The search bar contains four filter buttons: 'All products', 'Medicines (Low and middle income)', 'Vaccines (Worldwide)', and 'Technologies (Worldwide)'. Below the search bar are two main views: 'Table' and 'Reports'. The 'Table' view is selected. Below the views are search filters for 'Product', 'Jurisdiction', and 'Keyword'. There is also a 'CLEAR SEARCH' button. Below the filters are two tabs: 'Patents' and 'Licences'. Below the tabs is a summary of results: 'More than 10000 total results'. Below the summary are several action buttons: 'Add/Remove Columns', 'Share', 'Export', and 'Save Search'. Below the action buttons is a table with the following columns: 'Jurisdiction', 'Product Name', 'Product Type', 'Patent Description', 'Patent Status', 'Application Number', and 'Expiry Date'. The table contains several rows of data, including 'Abacavir 20 mg/ml' and 'Abacavir 300 mg'. At the bottom of the table, there is a pagination control showing '1', '2', '3', '4', '5', and '40', and a 'Rows per page' dropdown set to '25'. The text 'Showing 1 - 25' is also visible.

Select product(s)

Two main views: Table and Reports

Results as Patents or Licences

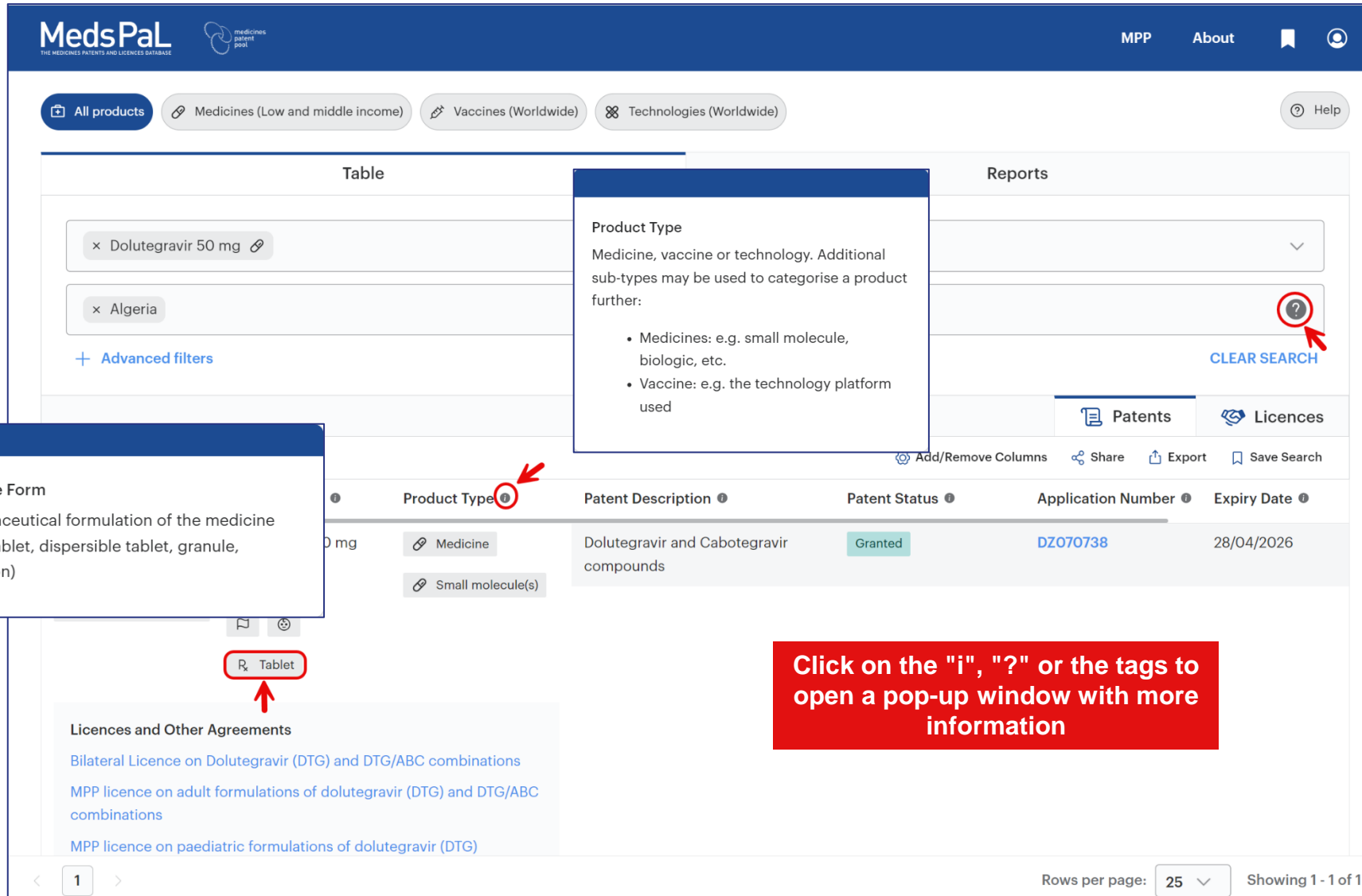
Use Add/Remove column to select the columns to be viewed in the results table

Share your search

Export the data in.CSV

Save search

Main page and functionalities



MedsPaL THE MEDICINES PATENTS AND LICENCES DATABASE

MPP About

All products Medicines (Low and middle income) Vaccines (Worldwide) Technologies (Worldwide) Help

Table

[+ Advanced filters](#)

Product Type
Medicine, vaccine or technology. Additional sub-types may be used to categorise a product further:

- Medicines: e.g. small molecule, biologic, etc.
- Vaccine: e.g. the technology platform used

Reports

[CLEAR SEARCH](#)

Patents Licences

Add/Remove Columns Share Export Save Search

	Product Type ⓘ	Patent Description ⓘ	Patent Status ⓘ	Application Number ⓘ	Expiry Date ⓘ
0 mg	<input type="text" value="Medicine"/> <input type="text" value="Small molecule(s)"/>	Dolutegravir and Cabotegravir compounds	Granted	DZ070738	28/04/2026

Dosage Form
Pharmaceutical formulation of the medicine (e.g., tablet, dispersible tablet, granule, injection)

Licences and Other Agreements

- [Bilateral Licence on Dolutegravir \(DTG\) and DTG/ABC combinations](#)
- [MPP licence on adult formulations of dolutegravir \(DTG\) and DTG/ABC combinations](#)
- [MPP licence on paediatric formulations of dolutegravir \(DTG\)](#)

1

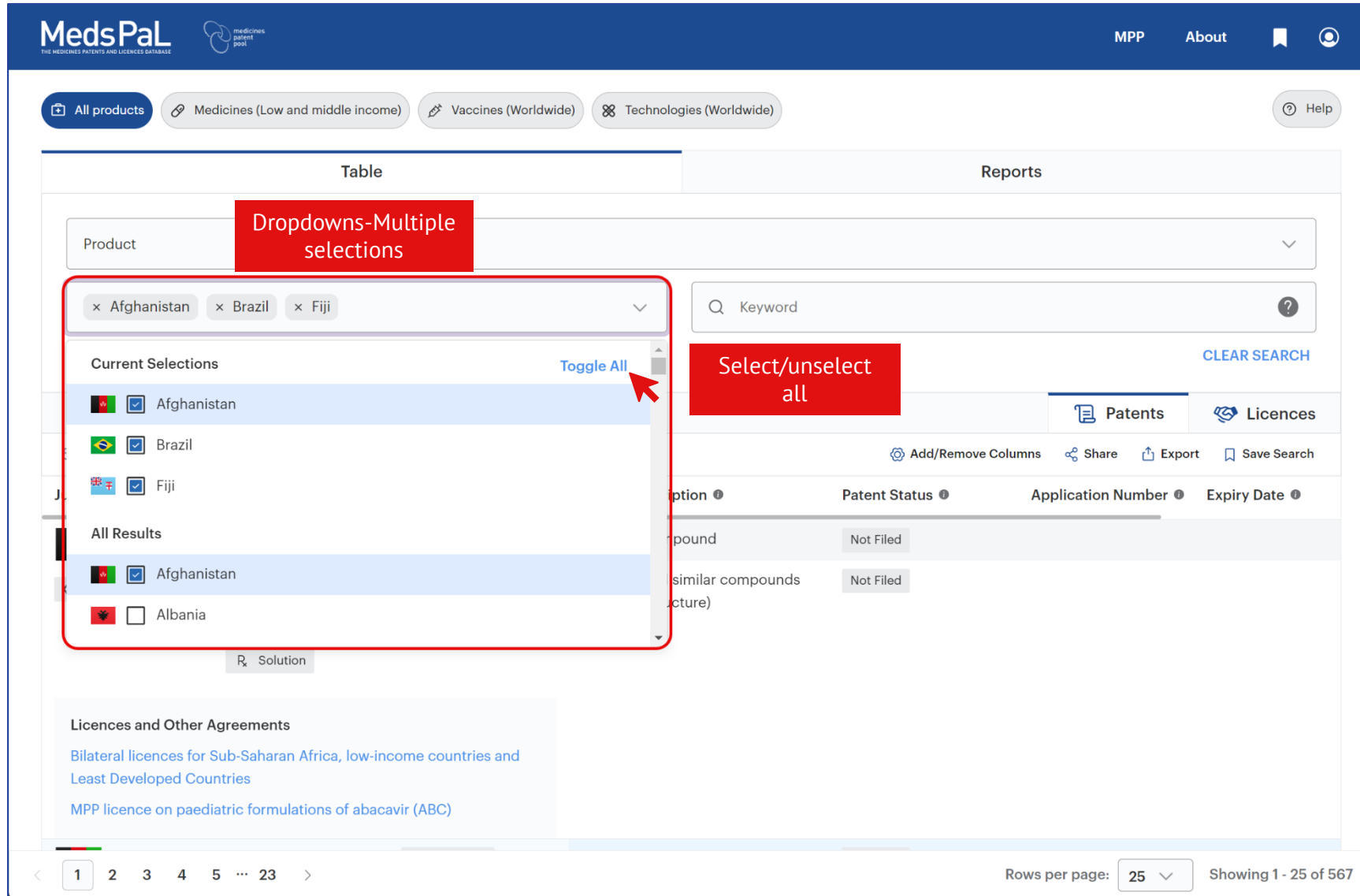
Rows per page: 25 Showing 1 - 1 of 1

Keyword Search

Search by keywords across all possible fields in the results table (e.g. patent number, country) and other internal information (i.e. abbreviations, brand and development names) with typo tolerance.

Click on the "i", "?" or the tags to open a pop-up window with more information

Main page and functionalities – multiple selections



MedsPaL THE MEDICINES PATENTS AND LICENCES DATABASE

MPP About

All products Medicines (Low and middle income) Vaccines (Worldwide) Technologies (Worldwide) Help

Table Reports

Product

Dropdowns-Multiple selections

x Afghanistan x Brazil x Fiji

Current Selections [Toggle All](#)

- Afghanistan
- Brazil
- Fiji

All Results

- Afghanistan
- Albania

Search: Keyword CLEAR SEARCH

Patents Licences

Add/Remove Columns Share Export Save Search

Option	Patent Status	Application Number	Expiry Date
Compound	Not Filed		
similar compounds (structure)	Not Filed		

Rx Solution

Licences and Other Agreements

- [Bilateral licences for Sub-Saharan Africa, low-income countries and Least Developed Countries](#)
- [MPP licence on paediatric formulations of abacavir \(ABC\)](#)


1 2 3 4 5 ... 23 >

Rows per page: 25 Showing 1 - 25 of 567

Table view/Search

All products
Medicines (Low and middle income)
Vaccines (Worldwide)
Technologies (Worldwide)
Help

Table
Reports



Advanced filters
CLEAR SEARCH

Product, Jurisdictions and Keywords across all fields (e.g. patent number; brand name; country, etc.)


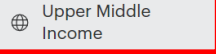


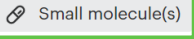


Patents
Advanced filters
CLEAR SEARCH

<input type="text" value="Patent Status"/>	<input type="text" value="Income Group"/>	<input type="text" value="Region"/>	
<input type="text" value="Route of Administration"/>	<input type="text" value="Dosage Form"/>	<input type="checkbox"/> Paediatric	Jurisdictions
<input type="text" value="Disease Area"/>	<input type="text" value="Originator"/>	<input type="checkbox"/> EML	
<input type="text" value="Licence Type"/>	<input type="text" value="Licensor"/>	<input type="checkbox"/> Data Exclusivity	Data Exclusivity
			<input type="text" value="Licensees"/>

Click on Advanced filters to expand

Table view/New information

Jurisdiction ⓘ	Region ⓘ	Product Name ⓘ	Product Type ⓘ	Route of Administration ⓘ	Disease Area(s) ⓘ	Originator(s) ⓘ	Invention Title ⓘ	Applicant(s) ⓘ
 China  Upper Middle Income	East Asia & Pacific	Dolutegravir 10 mg, Dolutegravir 25 mg Approved  R _x Tablet	 Medicine  Small molecule(s)	Oral	HIV	Viiv	Polycyclic Carbamoylpyridone Derivative Having Hiv Integrase Inhibitory Activity Chemical Compounds Used As Hiv Integrase Inhibitors	Shionogi & Co., Ltd Smithkline Beecham Corp Smithkline Beecham Corporation Shionogi & Co Viiv Healthcare Co Viiv保健公司 盐野义制药株式会社

For **Jurisdictions:**
Income group and Region

For **Products:**
development status, paediatric indication, dosage form, product type and sub type, route of administration and originator(s)

For **Patents:**
applicant(s)

Table view/Search

When making multiple selections, the selected items that do not satisfy all selected filters will be **crossed-out**

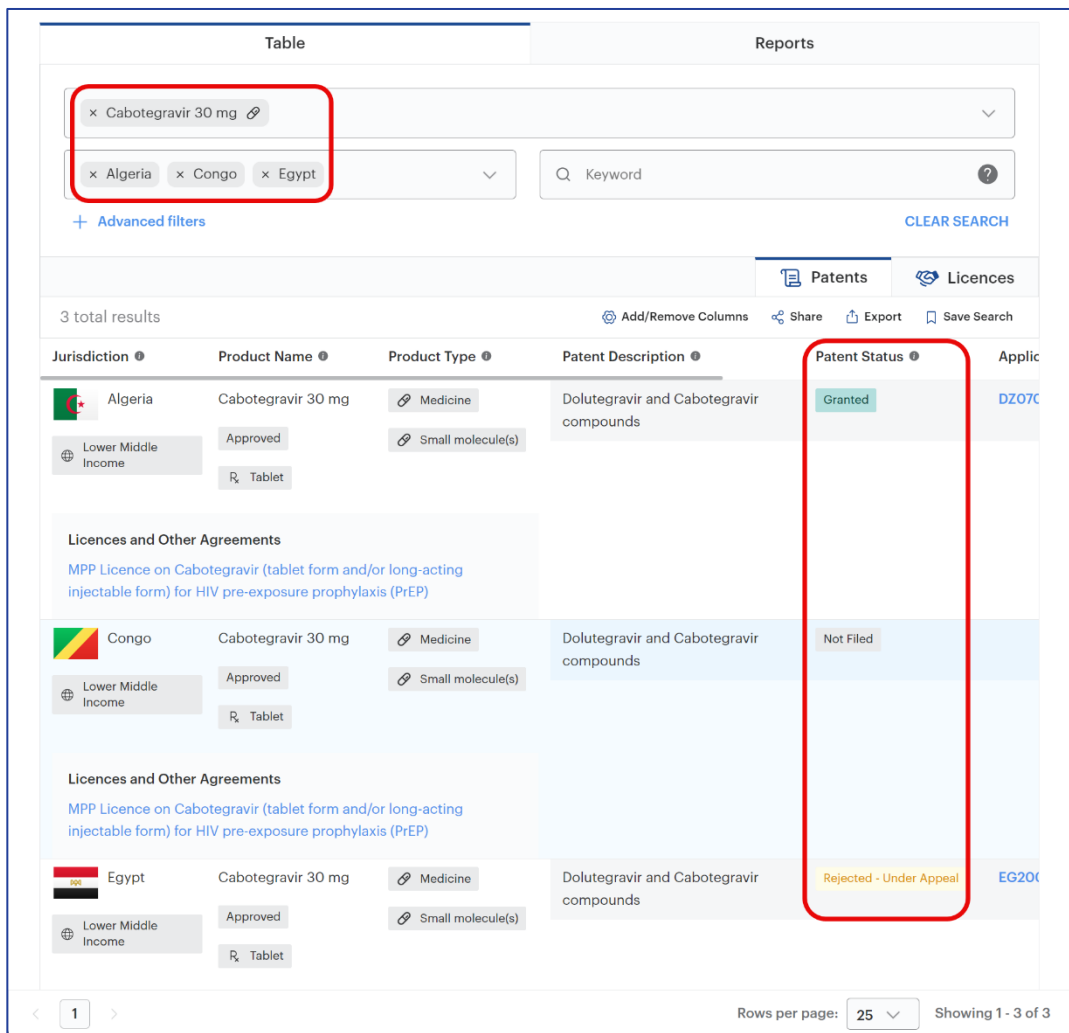


Table | Reports

× Cabotegravir 30 mg

× Algeria × Congo × Egypt

Q Keyword

+ Advanced filters CLEAR SEARCH

3 total results

Jurisdiction	Product Name	Product Type	Patent Description	Patent Status	Applic
Algeria	Cabotegravir 30 mg	Medicine	Dolutegravir and Cabotegravir compounds	Granted	DZ07C
Congo	Cabotegravir 30 mg	Medicine	Dolutegravir and Cabotegravir compounds	Not Filed	
Egypt	Cabotegravir 30 mg	Medicine	Dolutegravir and Cabotegravir compounds	Rejected - Under Appeal	EG20C

Rows per page: 25 Showing 1 - 3 of 3

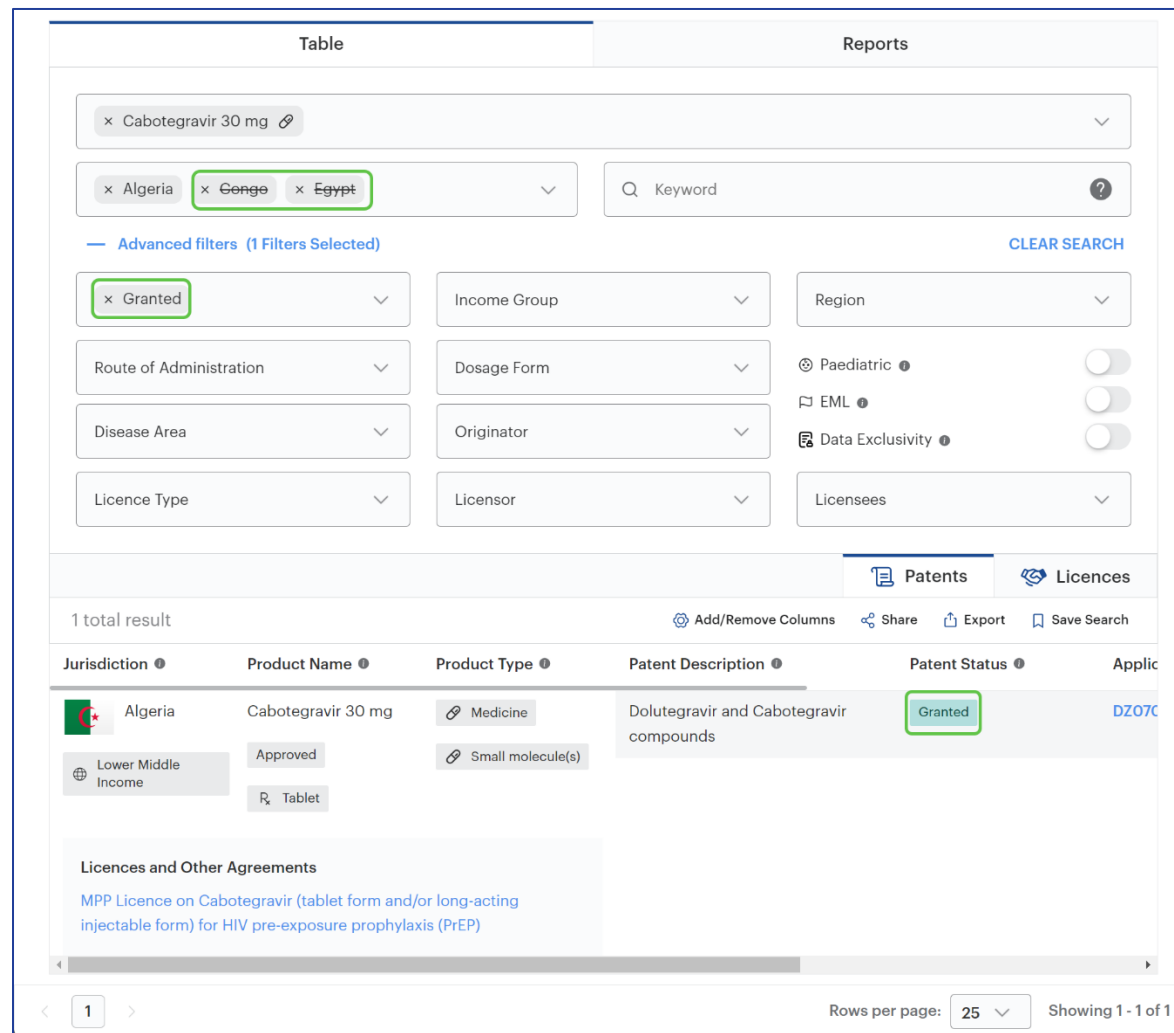


Table | Reports

× Cabotegravir 30 mg

× Algeria × Congo × Egypt

Q Keyword

— Advanced filters (1 Filters Selected) CLEAR SEARCH

× Granted

Income Group Region

Route of Administration Dosage Form Paediatric

Disease Area Originator EML






Licence Type Licensor Licensees Data Exclusivity

1 total result

Jurisdiction	Product Name	Product Type	Patent Description	Patent Status	Applic
Algeria	Cabotegravir 30 mg	Medicine	Dolutegravir and Cabotegravir compounds	Granted	DZ07C

Rows per page: 25 Showing 1 - 1 of 1

Table view/Results “Patents”

1 total result			Patents Licences Add/Remove Columns Share Export Save Search				
Jurisdiction	Product Name	Product Type	Patent Description	Patent Status	Application Number	Expiry Date	Status Updated
 Colombia  Upper Middle Income	Sofosbuvir/ledipasvir 400/90 mg Approved  R _x Tablet	 Medicine  Small molecule(s)	Sofosbuvir processes, intermediates & product-by-process Sofosbuvir crystalline forms & preparation processes Sofosbuvir processes & intermediates Compositions comprising crystalline Sofosbuvir Sofosbuvir active metabolite Sofosbuvir compound (prodrug) Ledipasvir compounds Sofosbuvir in combination with Ledipasvir or Radalbuvir compositions SOF/LDV compositions	Rejected Rejected Rejected Rejected Expired Granted Granted Granted Granted	CO11158583 CO12195602 CO12195599 CO14121393 CO05123296 CO09120744 CO11164618 CO14078217 CO15203177	31/03/2024 31/03/2024 31/03/2024 19/03/2024 21/04/2024 26/03/2028 12/05/2030 14/09/2032 30/01/2034	31/03/2024 31/03/2024 31/03/2024 19/03/2024 22/05/2024 31/03/2024 31/03/2024 20/11/2023 20/11/2023
Licences and Other Agreements Country not included in the bilateral licence on sofosbuvir (SOF), SOF/ledipasvir, SOF/velpatasvir, SOF/VEL/voxilaprevir Licence information			Patent/Patent application information				
Data Exclusivity until 22/09/2022 Data exclusivity							

Patent Status Categories





Throughout its life term, a patent application/patent will go through several main states captured in MedsPaL under Patent Status. These states can be grouped under three categories:

Patent Status	Status Category - used in Reports view	Highlight used in Table/Patents
Filed	Filed	Yellow Filed (Opposed)
Filed (opposed)		
Rejected - under appeal		
Restoration filed		
Granted	Granted	Green Granted Restored
Granted (claims amended)		
Granted (opposed)		
Restored		
Term extended		
Term extensions filed		
Expired	Not in force	Grey Withdrawn
National Phase entered		
Not filed		
Rejected		
Revoked		
Withdrawn		



Patent Description	Patent Status	Application Number
Ibrutinib compound and analogues and their uses to treat cancers	Granted	CN201010162270
Ibrutinib compound and analogues and their uses to treat cancers	Granted	CN201210200042
Ibrutinib compound and analogues and their uses to treat cancers	Granted	CN201210217024
Ibrutinib compound and analogues and their uses to treat cancers	Granted	CN200680056438
Ibrutinib use to treat cancers	Rejected	CN201180037737
Ibrutinib use to treat cancers	Filed	CN201711036665
Ibrutinib for treating a hematologic cancer	Rejected	CN201280062429
Ibrutinib for treating a hematologic cancer	Filed	CN201911076512
Ibrutinib crystalline forms	Filed	CN201910730441
Ibrutinib crystalline forms	Rejected	CN201380041392
Ibrutinib to treat or prevent graft versus host disease	Granted	CN202010072071
Ibrutinib to treat or prevent graft versus host disease	Granted	CN201480068676

Patent Cards

Jurisdiction ⓘ	Product Name ⓘ	Product Type ⓘ	Patent Description ⓘ	Patent Status ⓘ	Application Number ⓘ	Expiry Date
Lower Middle Income	Approved Rx Tablet	Small molecule(s)				
 Anguilla	Doravirine 100 mg	Medicine	Doravirine compound and combinations	Granted	AI/A/2015/00176	28/03/20
High Income	Approved Rx Tablet	Small molecule(s)				
 Argentina	Doravirine 100 mg	Medicine	Doravirine compound and combinations	Granted	ARP110101028	
Upper Middle Income	Approved Rx Tablet	Small molecule(s)				
 Armenia	Doravirine 100 mg	Medicine	Doravirine compound and combinations	Granted	EA201290976	28/03/20
Upper Middle Income	Approved Rx Tablet	Small molecule(s)				
 Azerbaijan	Doravirine 100 mg	Medicine	Doravirine compound and combinations	Granted	EA201290976	28/03/20
Upper Middle Income	Approved Rx Tablet	Small molecule(s)				

[Update Search](#)

Rows per page: Showing 1 - 25 of 146



When clicking on a patent application number, MedsPaL provides additional information on it.

Patent Cards

Basic details

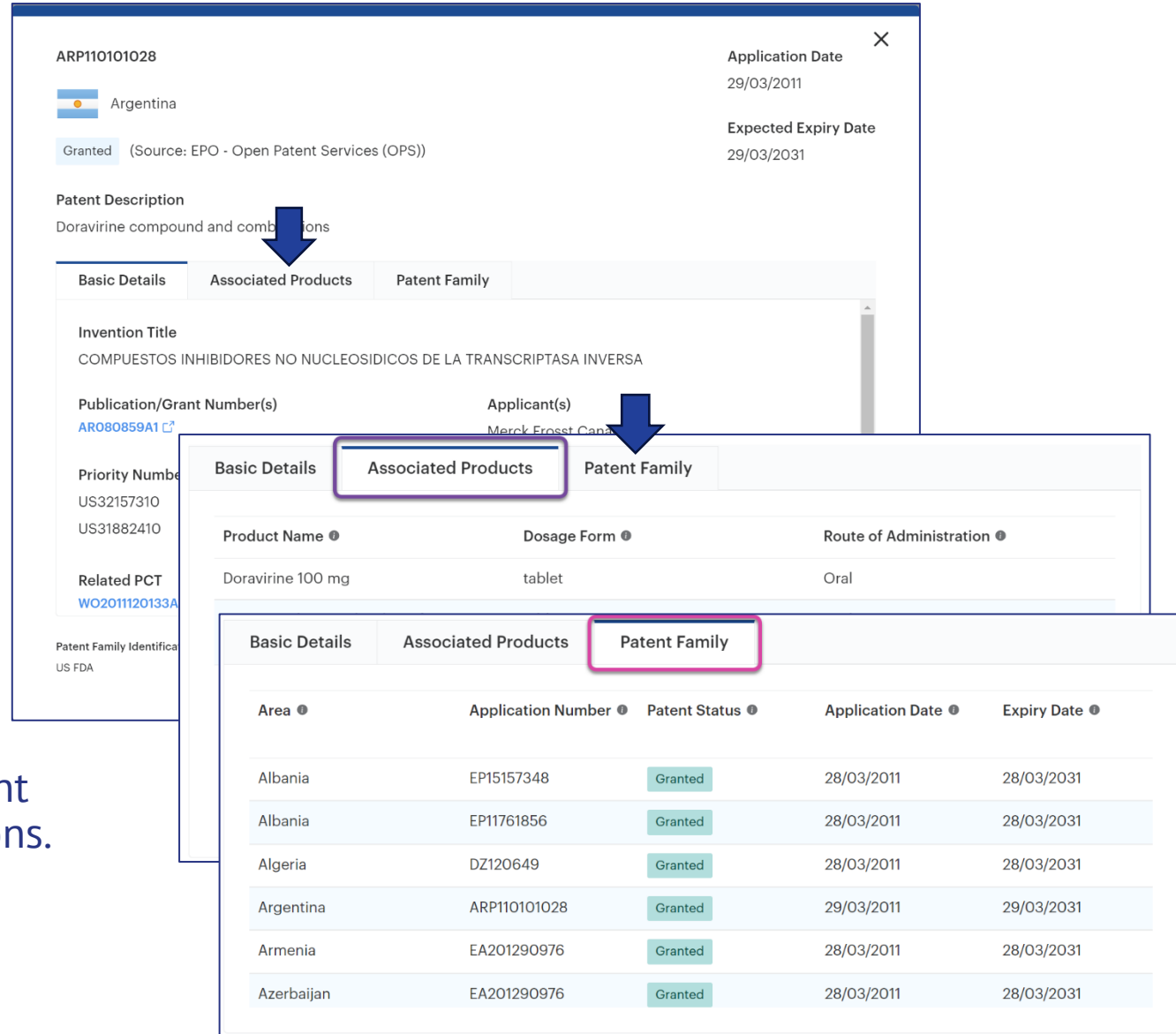
Bibliographical details and links [↗](#) to the actual patent publications may be available on an external database (Espacenet from the European Patent Office)

Associated Products


Lists all other products associated with the same patent.

Patent Family

Displays equivalent national patent applications from other jurisdictions.



ARP110101028 Application Date
29/03/2011

 Argentina Expected Expiry Date
29/03/2031

Granted (Source: EPO - Open Patent Services (OPS))

Patent Description
Doravirine compound and combinations

Basic Details | Associated Products | Patent Family

Invention Title
COMPUESTOS INHIBIDORES NO NUCLEOSIDICOS DE LA TRANSCRIPTASA INVERSA

Publication/Grant Number(s) Applicant(s)
[AR080859A1](#) Merck Frost Canz

Priority Number(s)
US32157310
US31882410

Related PCT
[WO201120133A](#)

Patent Family Identification
US FDA

Product Name ● Dosage Form ● Route of Administration ●

Doravirine 100 mg	tablet	Oral
-------------------	--------	------

Basic Details | Associated Products | Patent Family

Area ●	Application Number ●	Patent Status ●	Application Date ●	Expiry Date ●
Albania	EP15157348	Granted	28/03/2011	28/03/2031
Albania	EP11761856	Granted	28/03/2011	28/03/2031
Algeria	DZ120649	Granted	28/03/2011	28/03/2031
Argentina	ARP110101028	Granted	29/03/2011	29/03/2031
Armenia	EA201290976	Granted	28/03/2011	28/03/2031
Azerbaijan	EA201290976	Granted	28/03/2011	28/03/2031

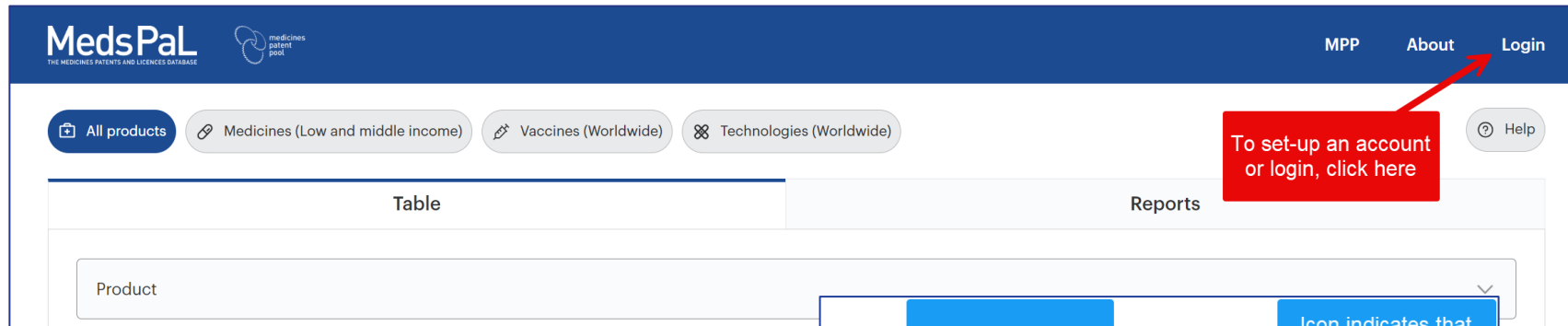
Table view/Save search and Run Alerts

In Table view, users can **save their searches** and **enable e-mail updates** to be notified of changes to those results.

Changes that may trigger an e-mail notification:

- changes in patent status
- newly associated patent or licence
- addition of Data Exclusivity information

An account is required, and users will be prompted to create one the first time they attempt to save a search.



Once logged in, the icon “login” will change, and a bookmark giving access to the saved searches displayed

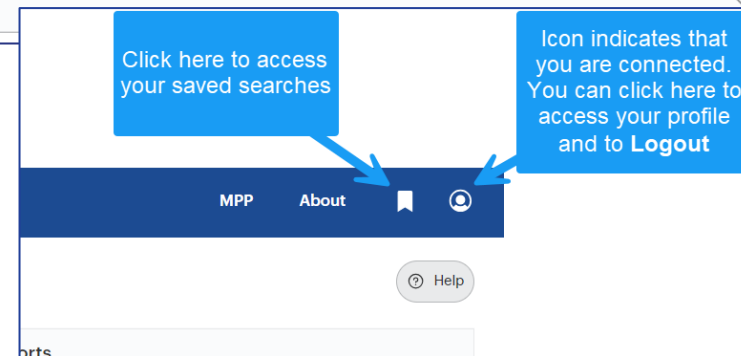


Table view/Save search and Run Alerts

1. Run a search and click on “save search”. If not already logged-in you will be asked to “Login”.

2. Name the search and select if you wish to receive an email alert.

3. From the Saved Searches tab you can run the saved search, delete it and enable email notifications.

4. When your saved search results change, you will receive an email notification **within 24 hours of publication of the update by MPP.**

Patents		Licences	
Add/Remove Columns		Share	Export
Save Search			
Application Number	Expiry Date	Last Updated	
EP11790495	03/06/2031	22/12/2023	

Get updates on your search for...

“Adalimumab 10 mg/0.1 ml, Lopinavir/Ritonavir 133/33 mg, Molnupiravir 200 mg, Tocilizumab 20 mg/ml, Zidovudine/Lamivudine 300/150 mg, Telacebec”

Patent Status: Granted

Test 1

Receive email updates about changes

Cancel Continue

My Saved Searches

Newest

Click on the search name to run-it

Test 1 15/02/2024

Adalimumab 10 mg/0.1 ml, Lopinavir/Ritonavir 133/33 mg, Molnupiravir 200 mg, Tocilizumab 20 mg/ml, Zidovudine/Lamivudine 300/150 mg, Telacebec

Patent Status: Granted

Email updates about changes

Delete a saved search

Disable/Enable e-mail update

New results are available for your saved search

MedsPaL
THE MEDICINES PATENTS AND LICENCES DATABASE

Your results for the following search have changed

Tech test 02/05/2024

Product: Expd Implant

[View search results](#)






From the MedsPaL Team

Table view/Results “Licences”

1 total result

Patents Licences

Add/Remove Columns Share Export Save Search

Jurisdiction	Product Name	Product Type	Patent Description	Patent Status	Application Number	Expiry Date	Last Updated
 Algeria  Lower Middle Income	Dolutegravir 10 mg, Dolutegravir 25 mg Approved  R _x Tablet	 Medicine  Small Molecule(S)	Dolutegravir and Cabotegravir compounds	Granted	D75/0738	28/04/2026	16/03/2023

Licences and Other Agreements

[MPP licence on paediatric formulations of dolutegravir \(DTG\)](#)




Detailed information can be viewed on the Licences tab



1 total result

Patents Licences

Share Export Save Search

Licence	Product Name	Type of Licence	Product Type	Jurisdictions	Licensor	Licensee	Notes for Territories Not Covered in Licence
MPP licence on paediatric formulations of dolutegravir (DTG)	Dolutegravir 10 mg (scored, dispersible) Tenofovir alafenamide/Lamivudine/Dolutegravir 25/300/50 mg	MPP Licence	 Medicine  Small Molecule(S)  Small	East Asia & Pacific Cambodia, Fiji, Indonesia, Kiribati, Korea (Democratic People's Republic of), Lao People's Democratic Republic (the), Malaysia, Marshall Islands,	Viiv	Adcock Ingram, Celltrion, Cipla, Desano, Emcure, Hetero, Laurus Labs, Lupin,	Country not included in 2014 DTG paediatric licence. However, supply by MPP licensees permitted if no patent is being infringed in that country.

Licence cards

Licence ⓘ

MPP licence on adult formulations of dolutegravir (DTG) and DTG/ABC combinations



When clicking on a Licence name, MedsPaL provides a card with details and further links to get more information on the the Licence

MPP Licence On Adult Formulations Of Dolutegravir (DTG) And DTG/ABC Combinations

Type	Licensor
MPP Agreement	Viiv

Jurisdictions
Afghanistan, Algeria, Angola, Armenia, Bangladesh, Benin, Bhutan, Bolivia (Plurinational State of), Botswana, Burkina Faso, Burundi, Cabo Verde, Cambodia, Cameroon, Central African Republic, Chad, Comoros, Congo, Congo, democratic Republic of the, Côte d'Ivoire, Djibouti, Egypt, El Salvador, Equatorial Guinea, [see more...](#)

Licensee(s)
Adcock Ingram, Arene, Celltrion, Cipla, Desano, Emcure, Hetero, Langhua, Laurus Labs, Lupin, Macleods, Mangalam, Micro Labs, Mylan (a subsidiary of Viatris), Strides, Sun Pharma

[Share](#) [Print](#)



medicinespatentpool.org/licence-post/dolutegravir-adult-dtg/


medicines patent pool

WHO WE ARE WHAT WE DO PROGRESS OUR STORIES

Progress & Achievements » Licences

DOLUTEGRAVIR – ADULT (DTG)

Research Institution: Viiv Healthcare
Date: April 2014



In April 2014, the Medicines Patent Pool (MPP) and Viiv Healthcare announced two licensing agreements to accelerate access to dolutegravir (DTG), a promising new antiretroviral, for both adult and paediatric care. To date, the agreements allow generic manufacturers to produce low-cost versions of DTG for **at least 94 countries** for the adult agreement and **121 countries** for the paediatric agreement.

The two parties extended the adult licence to cover all remaining lower middle-income countries in April 2016. The amendment specifically benefits four countries with patents – Armenia, Moldova, Morocco and Ukraine – that were not included in the initial 2014 agreement. As a result, countries that together are home to 94% of adults and 99%^[1] of children living with HIV in low- and middle-income countries, are covered by the licence.

An extension of the agreement for adults was signed in July 2018 to include Mongolia and Tunisia.

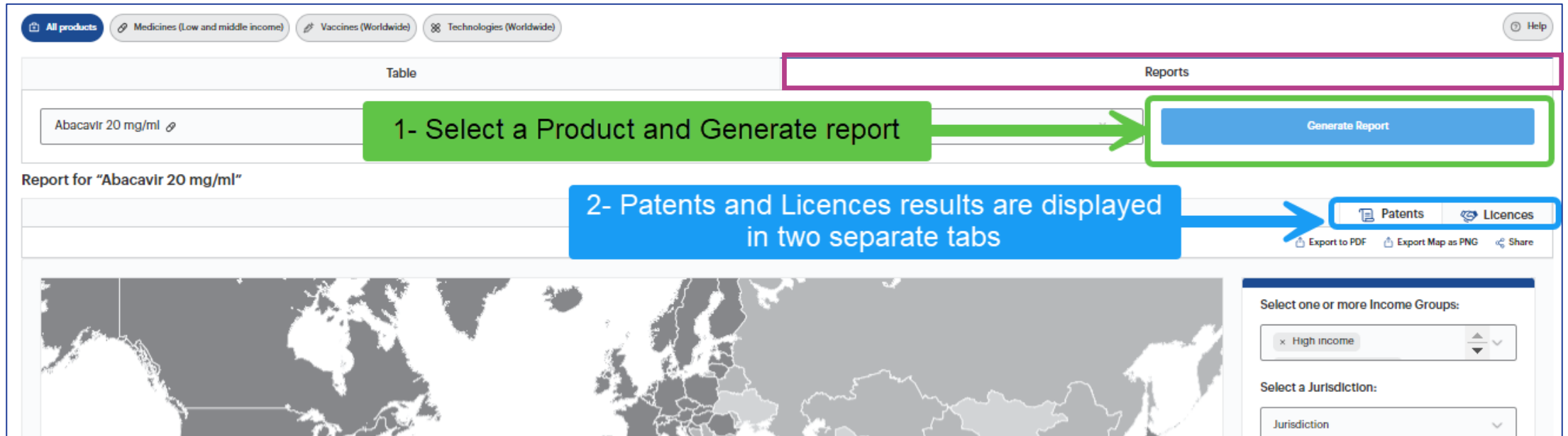
^[1]Coverage rates at time of announcement.

- Licence Agreement
- Second Amended and Restated Licence Agreement
- Sublicence Agreement - Form

Key Features Press Release Chairman's Summary Advisory Group Report Country List Additional Information

Reports View

REPORTS allows analysis of patent and licences associated to a Product through interactive maps, donut charts, and timelines.



The screenshot shows the 'Reports View' interface for the product 'Abacavir 20 mg/ml'. The interface includes a navigation bar with tabs for 'All products', 'Medicines (Low and middle income)', 'Vaccines (Worldwide)', and 'Technologies (Worldwide)'. A 'Help' button is located in the top right corner. Below the navigation bar, there are two tabs: 'Table' and 'Reports'. The 'Reports' tab is highlighted with a purple border. A green box with the text '1- Select a Product and Generate report' has a green arrow pointing to the 'Generate Report' button. Below the 'Generate Report' button, the report title 'Report for "Abacavir 20 mg/ml"' is displayed. A blue box with the text '2- Patents and Licences results are displayed in two separate tabs' has a blue arrow pointing to the 'Patents' and 'Licences' tabs. Below the tabs, there are options for 'Export to PDF', 'Export Map as PNG', and 'Share'. The main content area features a world map on the left and a sidebar on the right with filters for 'Select one or more Income Groups' (with 'High income' selected) and 'Select a Jurisdiction'.

Reports/Patents - Interactive Map

All patent applications and granted patents associated with the selected product are shown by default on a map.

Molnupiravir 200 mg
x
v

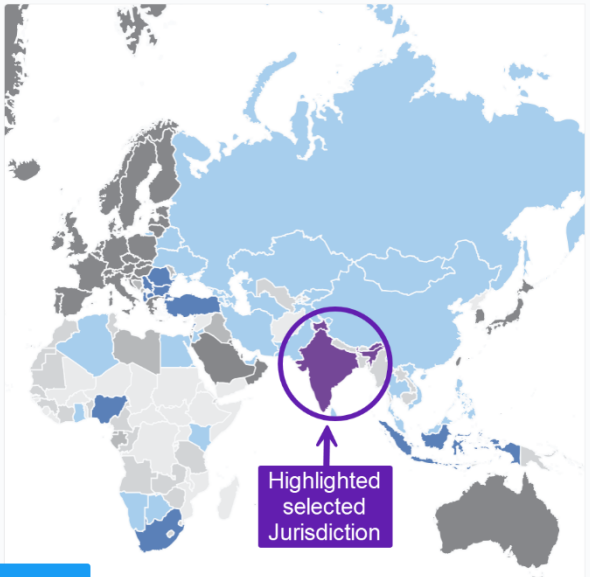
Generate Report

Report for "Molnupiravir 200 mg"

To print, export map in PNG, report in PDF or share the link

Patents
Licences

Print
Export Map as PNG
Share



Highlighted selected Jurisdiction

Select one or more Income Groups:

x
Low income
v

Select a Jurisdiction:

India
x
v

Display Jurisdiction

With at least one patent granted/ filed

With at least one compound patent granted/ filed

Patents

IN201717025098

Molnupiravir and analogues (Markush structure) and their use as antivirals

IN202017019418

Molnupiravir compound and its use as antiviral

IN202217028094

New Info & Feature to select Income Group(s)

IN201717025098

India

Filed (opposed) (Source: Patent office online register)

Patent Description
Molnupiravir and analogues (Markush structure) and their use as antivirals

Basic Details	Associated Products	Patent Family
Invention Title N4 HYDROXYCYTIDINE AND DERIVATIVES AND ANTI VIRAL USES RELATED THERETO	Publication/Grant Number(s) Not Available	Applicant(s) Emory University
Priority Number(s) US201462096915 US201562201140	Other Related PCT(s) Not Available	

Related PCT
WO2016106050A1

Patent Family Identification
MPP Licence

Last Updated Date
03/05/2023

Share
Print

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

+
-

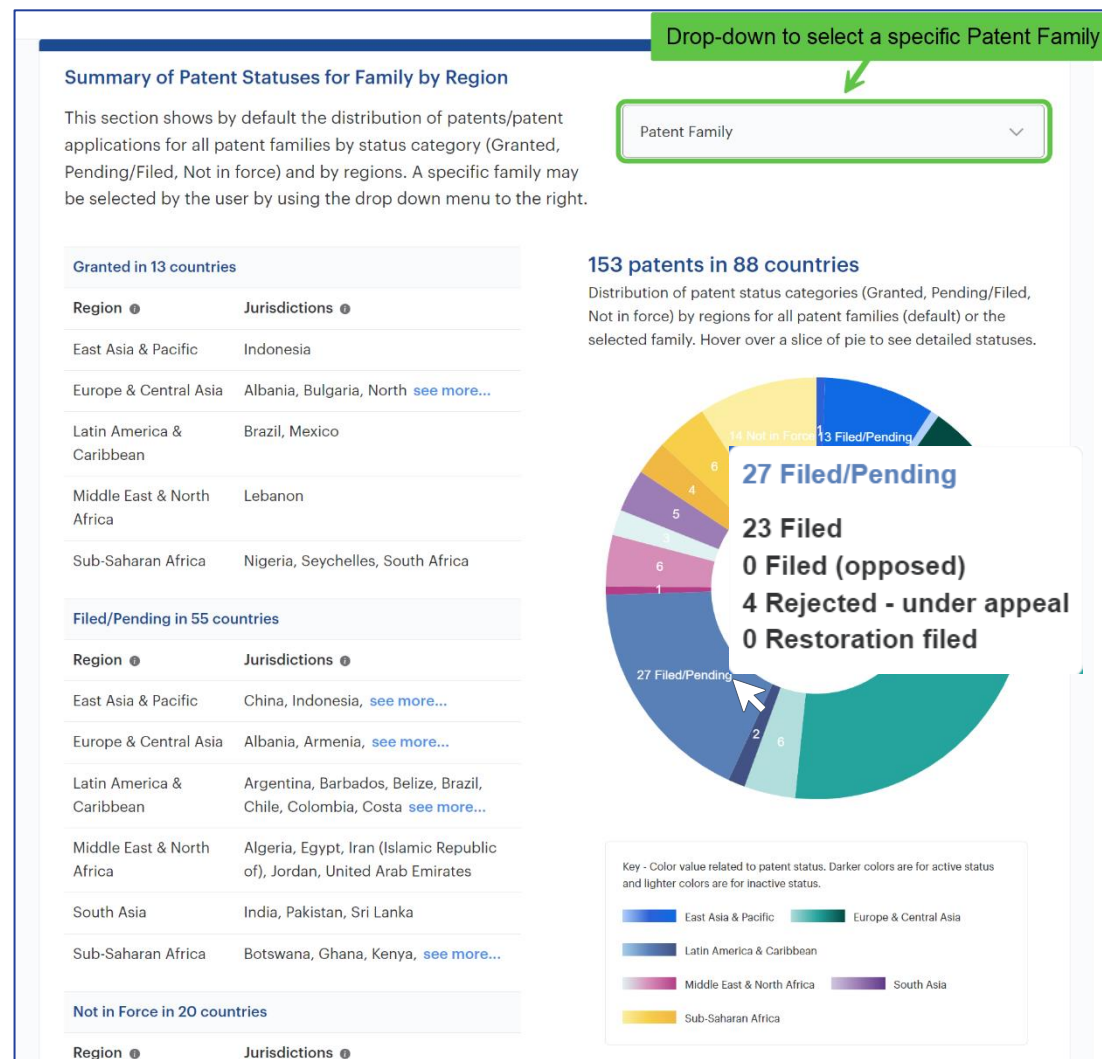
Reports/Patents - Summary of Patent Statuses for Family by Region

Distribution of patents/patent applications for all patent families associated with the selected product by **status category** (Granted, Filed/Pending, Not in force) and by regions.

A specific family may be selected by the user by using the drop-down menu to the right.

A **Donut chart** divided:

- by **regions** shown in different colours.
- **Colour gradient** relates to patent status categories: darker colours are for active status and lighter colours are for inactive status.
- Hover over a slice of pie to see detailed statuses.



Reports/Patents – Timeline of Patent Families

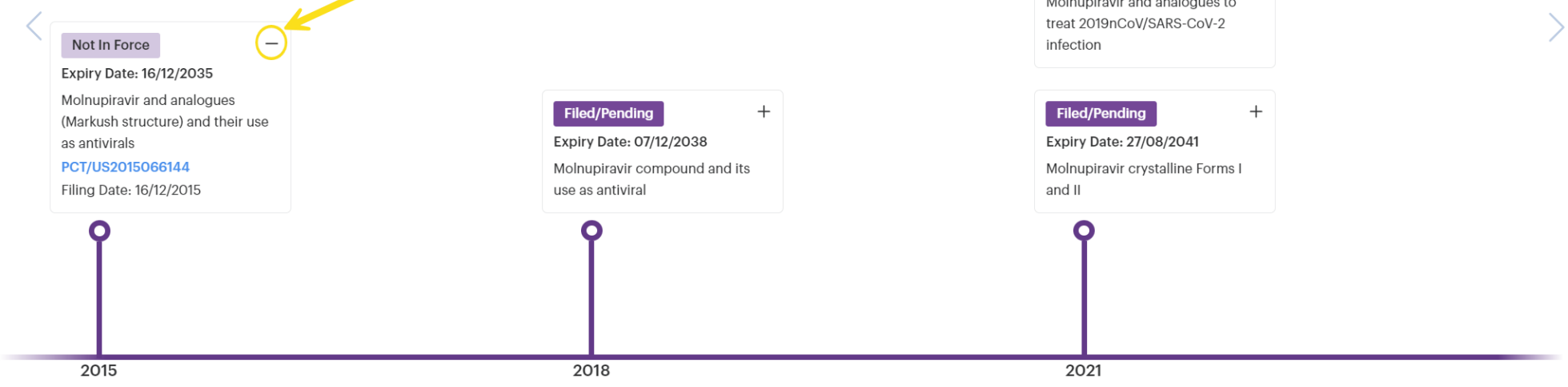
Timeline of Patent Families

Patent families associated to the selected product are shown by filing year. International patent applications are shown by default. A specific jurisdiction may be selected by using the drop down menu to the right.

World Intellectual Property Organization (...)

Select a Jurisdiction

Click to expand/collapse



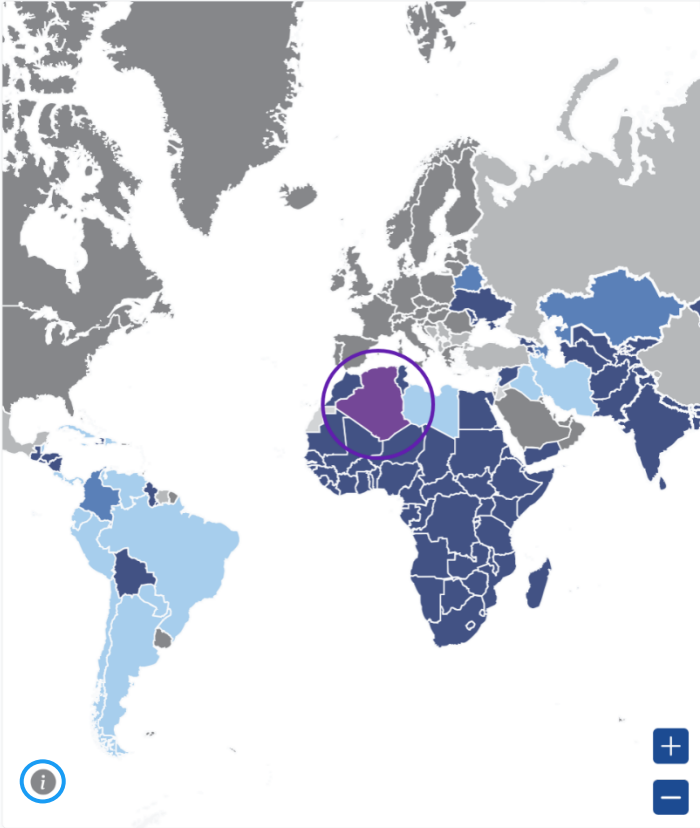
Reports/Licences – Interactive Map

All licences associated with the product are displayed by default

Report for "Dolutegravir 50 mg"

Patents
Licences

Print
Export Map as PNG
Share



Select one or more Licences:

x Bilateral Licence on Dolutegravir ...

Select a Jurisdiction:

Algeria

Licences

[Bilateral Licence on Dolutegravir \(DTG\) and DTG/ABC combinations](#)

[MPP licence on adult formulations of dolutegravir \(DTG\) and DTG/ABC combinations](#)

[MPP licence on paediatric formulations of dolutegravir \(DTG\)](#)

MPP Licence On Adult Formulations Of Dolutegravir (DTG) And DTG/ABC Combinations

Type	Licensor
MPP Agreement	Viiv

Jurisdictions
Afghanistan, Algeria, Angola, Armenia, Bangladesh, Benin, Bhutan, Bolivia (Plurinational State of), Botswana, Burkina Faso, Burundi, Cabo Verde, Cambodia, Cameroon, Central African Republic, Chad, Comoros, Congo, Congo, democratic Republic of the, Côte d'Ivoire, Djibouti, Egypt, El Salvador, Equatorial Guinea, [see more...](#)

Licensee(s)
Adcock Ingram, Arene , Celltrion, Cipla, Desano, Emcure, Hetero, Langhua, Laurus Labs, Lupin, Macleods, Mangalam, Micro Labs, Mylan (a subsidiary of Viatris), Strides, Sun Pharma

Share
Print

- 3+ Licences
- 2 Licences
- 1 Licence
- High income
- Upper middle income
- Lower middle income
- Low income

Reports/Licences – Licences Table

The Licences associated with the chosen product will be listed after the map.

Dolutegravir 50 mg Covered Under Licences:

Licence ⓘ	Type of Licence ⓘ	Product Type ⓘ	Jurisdictions ⓘ	Licensor ⓘ	Licensee ⓘ
Bilateral Licence on Dolutegravir (DTG) and DTG/ABC combinations	Bilateral Licence	<ul style="list-style-type: none"> 🔗 Medicine 🔗 Small molecule(s) 	<p>East Asia & Pacific</p> <p>Cambodia, Indonesia, Kiribati, Korea (Democratic People's Republic of), Lao People's Democratic Republic (the), Micronesia (Federated States of), Mongolia, Myanmar, Papua New Guinea, Philippines, Samoa, Solomon Islands, Timor-Leste, Tuvalu, Vanuatu, Viet Nam</p> <p>Europe & Central Asia</p> <p>Armenia, Georgia, Kosovo, Kyrgyzstan, Moldova, Republic of, Tajikistan, Turkmenistan, Ukraine, Uzbekistan</p> <p>Latin America & Caribbean</p>	Viiv	Aurobindo

Bilateral Licence On Dolutegravir (DTG) And DTG/ABC Combinations ✕

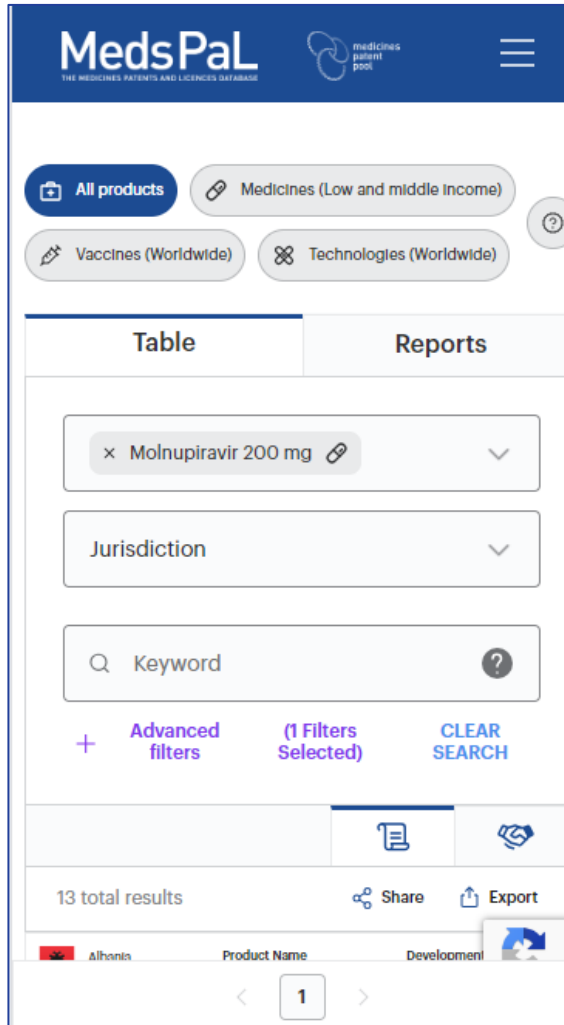
Type	Licensor
Bilateral Licence	Viiv
Jurisdictions	
Afghanistan, Algeria, Angola, Armenia, Bangladesh, Benin, Bhutan, Bolivia (Plurinational State of), Botswana, Burkina Faso, Burundi, Cabo Verde, Cambodia, Cameroon, Central African Republic, Chad, Comoros, Congo, Congo, democratic Republic of the, Côte d'Ivoire, Djibouti, Egypt, El Salvador, Equatorial Guinea, see more...	
Licensee(s)	
Aurobindo	

🔗 Share
🖨️ Print

Improved Mobile Compatibility

The design has been adapted for portrait mode viewing and improved user experience

The website is now mobile responsive and adapts to different types of tablets and mobiles



MedsPaL
THE MEDICINES PATENTS AND LICENSING DATABASE

medicines patent pool

All products Medicines (Low and middle income)
Vaccines (Worldwide) Technologies (Worldwide)

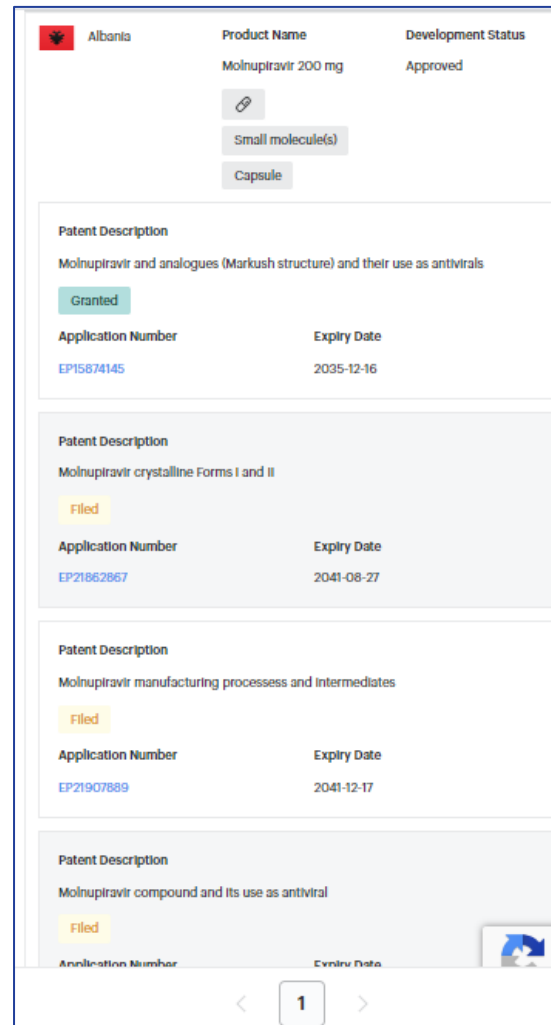
Table Reports

x Molnupiravir 200 mg
Jurisdiction
Q Keyword

+ Advanced filters (1 Filters Selected) CLEAR SEARCH

13 total results Share Export

Albania	Product Name	Development Status
	Molnupiravir 200 mg	Approved



Albania Product Name Development Status
Molnupiravir 200 mg Approved

Small molecule(s)
Capsule

Patent Description
Molnupiravir and analogues (Markush structure) and their use as antivirals

Granted

Application Number Expiry Date
EP15874145 2035-12-16

Patent Description
Molnupiravir crystalline Forms I and II

Filed

Application Number Expiry Date
EP21862867 2041-08-27

Patent Description
Molnupiravir manufacturing processes and intermediates

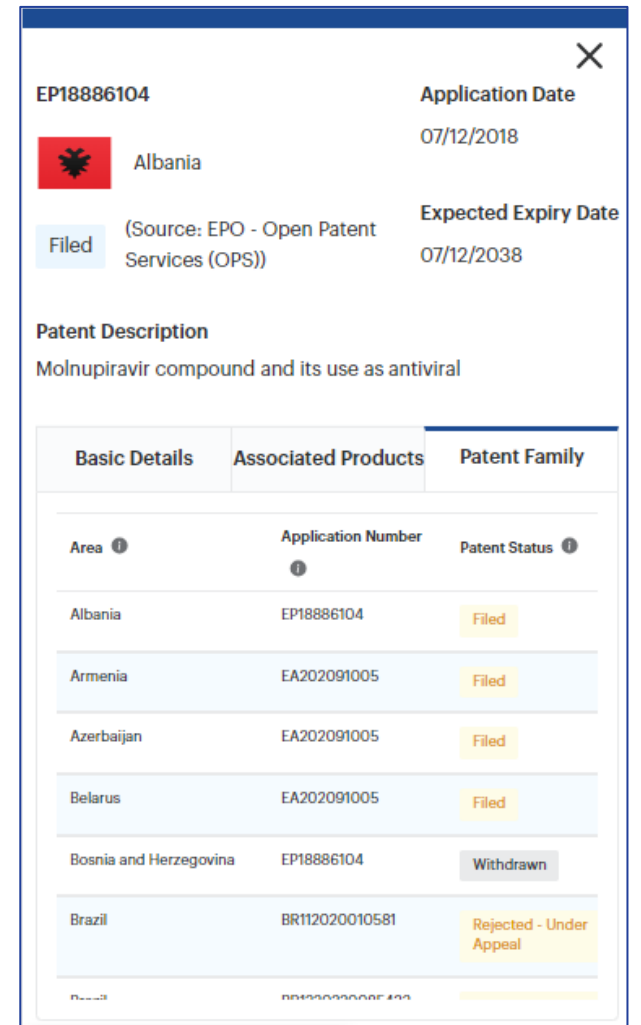
Filed

Application Number Expiry Date
EP21907889 2041-12-17

Patent Description
Molnupiravir compound and its use as antiviral

Filed

Application Number Expiry Date



EP18886104 Application Date
07/12/2018

Albania

Filed (Source: EPO - Open Patent Services (OPS)) Expected Expiry Date
07/12/2038

Patent Description
Molnupiravir compound and its use as antiviral

Basic Details	Associated Products	Patent Family
Area	Application Number	Patent Status
Albania	EP18886104	Filed
Armenia	EA202091005	Filed
Azerbaijan	EA202091005	Filed
Belarus	EA202091005	Filed
Bosnia and Herzegovina	EP18886104	Withdrawn
Brazil	BR112020010581	Rejected - Under Appeal

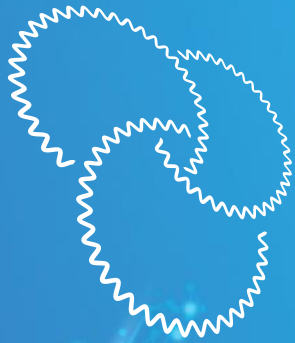
Disclaimers

*MedsPaL should not be considered a complete and authoritative source of patent information **and is not meant to provide a 'freedom-to-operate' analysis.** It only provides a snapshot at a particular point in time, based on the information that was available to the Medicines Patent Pool*

*Interested users are advised to **contact the relevant national/regional patent office**, or to **consult local patent counsel**, to obtain up to date information on any given patent application identified in MedsPaL*

Users are also invited to submit information on any data that requires updating to the MPP at

medspal@medicinespatentpool.org



medicines
patent
pool

Thank you!



From
The People of Japan



[MEDICINESPATENTPOOL.ORG](https://www.medicinespatentpool.org)



[YOUTUBE.COM/USER/MEDICINESPATENTPOOL](https://www.youtube.com/user/MedicinesPatentPool)



[WWW.LINKEDIN.COM/COMPANY/MEDICINES-PATENT-POOL/](https://www.linkedin.com/company/medicines-patent-pool/)



[YOUTUBE.COM/USER/MEDICINESPATENTPOOL](https://www.youtube.com/user/MedicinesPatentPool)