

Figure 7

CD19 × CD3 Bispecific Molecule $V_H^{\alpha CD19}-V_L^{\alpha CD19}-C_{\kappa}-V_L^{\alpha CD3}-V_H^{\alpha CD3}$

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<----- VH anti-CD19 -----
QVQLQQSGAE LVRPGSSVKI SCKASGYAFS SYWMNWVKQR PGQGLEWIGQ IWPGDGDTNY
-----
NGKFKGKATL TADESSSTAY MQLSSLASED SAVYFCARRE TTVGRYYA MDYWGQGTSTV
---><-- L1 ---><----- VL anti-CD19 -----
TVSSGGSGGS GGSDIQLTQT PASLAVSLGQ RATISCKASQ SVDYDGDSYL NWYQQIPGQP
-----
PKLLIYDASN LVSGIPPRFS GSGSGTDFTL NIHPVEKVDA ATYHCQQSTE DPWTFGGGTK
---><----- C-kappa -----
LEIKRTVAAP SVFIFPPSDE QLKSGTASVV CLLNMFYPRE AKVQWKVDNA LQSGNSQESV
-----><--L2--><--
TEQDSKDSTY SLSSLTLTSK ADYEKHKVYA CEVTHQGLSS PVTKSFNRGE CGSGSGSDIV
----- VL anti-CD3 -----
LTQSPAIMSA SPGEKVTMTC RASSSVSYMN WYQQKSGTSP KRWIYDTSKL ASGVPARFSG
-----><----- L3 -----><--
SGSGTSYSLT ISSMEAEDAA TYYCQQWSSN PLTFGAGTKL EIKGGSGGSG GSGGSGGSQV
----- VH anti-CD3 -----
QLQQSGAELA RPGASVKMSC KASGYTFTRY TMHWVKQRPQ QGLEWIGYIN PSRGYTNYNQ
----->
KFKDKATLTT DKSSSTAYMQ LSSLTSEDSA VYYCARYYDD HYSLDYWGQG TLTIVSS

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