

HX009

Chemical Properties

CAS No. :

Formula:

Molecular Weight: 173.16 kDa

Store at low temperature

Storage: Store at -80°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	HX009 is a bispecific antibody targeting PD-1 and CD47 (EC50=0.05 nM/0.24 nM). It binds and blocks PD-1 and CD47, selectively localizes to the tumor microenvironment, and reduces hematotoxicity. It can be used to study non-Hodgkin lymphoma (NHL).
Targets(IC50)	PD-1/PD-L1, Immunology/Inflammation related
In vivo	In a subcutaneous Raji xenograft lymphoma model in immunodeficient NOD/SCID mice, HX009 (10 mg/kg) induced significant growth delay (approximately 54% TGI) [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0058 mL	0.0289 mL	0.0578 mL
5 mM	0.0012 mL	0.0058 mL	0.0116 mL
10 mM	0.0006 mL	0.0029 mL	0.0058 mL
50 mM	0.0001 mL	0.0006 mL	0.0012 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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