

Enapotamab vedotin

Chemical Properties

CAS No. :	1912424-97-5
Formula:	
Molecular Weight:	150.63 kDa
Storage:	Store at low temperature
	-20°C for 1 year
	Actual storage temperature shall be subject to the COA.

Biological Description

Description	Enapotamab vedotin is an investigational antibody-drug conjugate (ADC) specifically targeting the receptor tyrosine kinase AXL. It consists of a monoclonal antibody linked to the potent microtubule-disrupting agent monomethyl auristatin E (MMAE) and demonstrates significant inhibitory potential against high AXL-expressing non-small cell lung cancer (NSCLC), including tumors with resistance to EGFR inhibitors like
Targets(IC50)	Antibody-Drug Conjugates (ADCs), TAM Receptor
In vitro	Enapotamab vedotin (0-10 µg/mL, 5 days) treatment of AXL-overexpressing cells (ER20 and H1975-OR2) can reduce cell viability and produce cytotoxic effects. [1]
In vivo	Methods: Enapotamab vedotin (2-4 mg/kg, intravenous injection, twice weekly) was used to treat LU1868 or LU0858 xenograft mouse models or AXL-overexpressing non-small cell lung cancer (NSCLC) models (e.g., LU0395) to observe its anti-tumor effects. Results: Enapotamab vedotin showed anti-tumor efficacy against AXL-overexpressing non-small cell lung cancer (NSCLC) models (e.g., LU0395) and showed resistance to EGFR inhibitors in LU1868 or LU0858 xenograft mouse models [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0066 mL	0.0332 mL	0.0664 mL
5 mM	0.0013 mL	0.0066 mL	0.0133 mL
10 mM	0.0007 mL	0.0033 mL	0.0066 mL
50 mM	0.0001 mL	0.0007 mL	0.0013 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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