

Sacituzumab govitecan

Chemical Properties

CAS No. : 1491917-83-9

Formula:

Molecular Weight: 148.74 kDa

Store at low temperature

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Sacituzumab govitecan (IMMU-132) is a humanized ADC compound targeting Trop-2 with anticancer activity for the study of refractory, locally advanced or metastatic breast cancer and uroepithelial cancer.
In vivo	Sacituzumab govitecan administered at a dose of 17.5 mg/kg twice weekly for four consecutive weeks showed significant antitumor effects in mice bearing human gastric cancer xenograft tumors. [1]

Solubility Information

Solubility	H2O: 20.00 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0067 mL	0.0336 mL	0.0672 mL
5 mM	0.0013 mL	0.0067 mL	0.0134 mL
10 mM	0.0007 mL	0.0034 mL	0.0067 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.

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