

Mirvetuximab soravtansine

Chemical Properties

CAS No. :	1453084-37-1
Formula:	
Molecular Weight:	145.76 kDa
Storage:	Store at low temperature
	-20°C for 1 year
	Actual storage temperature shall be subject to the COA.

Biological Description

Description	Mirvetuximab soravtansine (IMGN853) is an antibody-drug coupling (ADC) targeting folate receptor alpha (FR α), which inhibits cell growth and enhances the antiproliferative effects of DNA damage, and may be useful in the study of drug-resistant ovarian cancer.
Targets(IC50)	Antifolate
In vitro	8 nM Mirvetuximab soravtansine in combination with Carboplatin treated IGROV-1 cells showed enhanced synergistic inhibition of growth and disruption of the cell cycle in vitro. [1]
In vivo	Intravenous injection of 5 mg/kg Mirvetuximab soravtansine enhances the antitumor effect of Carboplatin in vivo using a xenograft model derived from SCID female mouse patients. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0343 mL	0.0686 mL
5 mM	0.0014 mL	0.0069 mL	0.0137 mL
10 mM	0.0007 mL	0.0034 mL	0.0069 mL
50 mM	0.0001 mL	0.0007 mL	0.0014 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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