

Mecasermin

Chemical Properties

CAS No. :	68562-41-4
Formula:	C331H512N94O101S7
Molecular Weight:	7645.68
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Mecasermin (Human IGF-I; FK 780), a recombinant form of human insulin-like growth factor I (IGF-I), is promising for investigating growth failure attributed to growth hormone (GH) insensitivity due to defects in GH receptors or the presence of GH-inhibiting antibodies [1].
Targets(IC50)	IGF-1R

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1308 mL	0.654 mL	1.3079 mL
5 mM	0.0262 mL	0.1308 mL	0.2616 mL
10 mM	0.0131 mL	0.0654 mL	0.1308 mL
50 mM	0.0026 mL	0.0131 mL	0.0262 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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