

Vosoritide

Chemical Properties

CAS No. :	1480724-61-5
Formula:	C176H290N56O51S3
Molecular Weight:	4102.73
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	Vosoritide (BMN 111), a modified recombinant C-type natriuretic peptide (CNP) analogue, engages with natriuretic peptide receptor type B (NPR-B) to diminish the function of fibroblast growth factor receptor 3 (FGFR3). This compound is employed in the study of achondroplasia and dwarfism [1] [2] [3].
Targets(IC50)	FGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2437 mL	1.2187 mL	2.4374 mL
5 mM	0.0487 mL	0.2437 mL	0.4875 mL
10 mM	0.0244 mL	0.1219 mL	0.2437 mL
50 mM	0.0049 mL	0.0244 mL	0.0487 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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