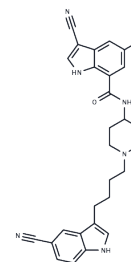


IGF-1R inhibitor-3

Chemical Properties

CAS No. :	1227753-12-9
Formula:	C ₂₈ H ₂₇ FN ₆ O
Molecular Weight:	482.55
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	IGF-1R Inhibitor-3 (Compound C11) serves as an allosteric inhibitor targeting the kinase of insulin-like growth factor receptor 1 (IGF-1R), exhibiting an IC ₅₀ value of 0.2 μM [1].
Targets(IC ₅₀)	IGF-1R

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0723 mL	10.3616 mL	20.7232 mL
5 mM	0.4145 mL	2.0723 mL	4.1446 mL
10 mM	0.2072 mL	1.0362 mL	2.0723 mL
50 mM	0.0414 mL	0.2072 mL	0.4145 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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