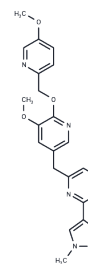


CSF1R-IN-7

Chemical Properties

CAS No. :	2738328-56-6
Formula:	C ₂₂ H ₂₂ N ₆ O ₃
Molecular Weight:	418.45
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	CSF1R-IN-7 is a highly selective CSF-1R inhibitor with good brain penetration for the treatment of a variety of diseases associated with microglia-mediated neuroinflammation, particularly Alzheimer's disease and other neurodegenerative disorders. CSF-1R is a type III receptor tyrosine kinase that is expressed predominantly on microglia (immune cells in the brain) and regulates the development, survival and function of microglia.
Targets(IC50)	c-Fms, CSF-1R

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3898 mL	11.9489 mL	23.8977 mL
5 mM	0.478 mL	2.3898 mL	4.7795 mL
10 mM	0.239 mL	1.1949 mL	2.3898 mL
50 mM	0.0478 mL	0.239 mL	0.478 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.

Reference

Simon James Richards. Substituted {5-methoxy-6-[(5-methoxypyridin-2-yl)methoxy]pyridin-3-yl}methyl compounds as csf-1r inhibitors. WO2021225798A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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