

SphK2-IN-2

Chemical Properties

CAS No. :	2927429-60-3
Formula:	C ₂₁ H ₂₅ ClN ₁₀ O
Molecular Weight:	468.94
Storage:	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	SphK2-IN-2 (21g) is a potent and selective SphK2 inhibitor (IC ₅₀ : 0.23 μM).
Targets(IC ₅₀)	S1P Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1325 mL	10.6623 mL	21.3247 mL
5 mM	0.4265 mL	2.1325 mL	4.2649 mL
10 mM	0.2132 mL	1.0662 mL	2.1325 mL
50 mM	0.0426 mL	0.2132 mL	0.4265 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

Vijai Kumar Reddy Tangadanchu, et al. Structure-activity relationship studies and bioactivity evaluation of 1,2,3-triazole containing analogues as a selective sphingosine kinase-2 inhibitors. Eur J Med Chem. 2020 Nov 15;206: 112713.

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