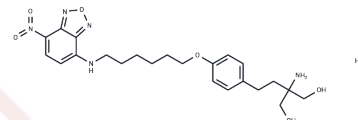


NBD-FTY720 phenoxy hydrochloride

Chemical Properties

CAS No. :	2319882-09-0
Formula:	C23H31N5O6·HCl
Molecular Weight:	510
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	FTY720, an immune modulator, down-regulates sphingosine-1-phosphate (S1P) receptors, enhances the activity of sphingosine transporter Abcb1 and leukotriene C4 transporter Abcc1, and inhibits cytosolic phospholipase A2 activity. Its efficacy relies on in vivo phosphorylation by sphingosine kinases, resulting in FTY720-phosphate which also down-regulates S1P receptors. NBD-FTY720, a fluorescently-labeled analog of FTY720, retains the hydroxy methyl side chain targeted for phosphorylation, suggesting potential phosphorylation in vivo.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9608 mL	9.8039 mL	19.6078 mL
5 mM	0.3922 mL	1.9608 mL	3.9216 mL
10 mM	0.1961 mL	0.9804 mL	1.9608 mL
50 mM	0.0392 mL	0.1961 mL	0.3922 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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