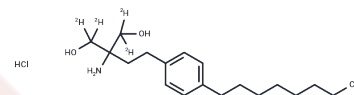


Fingolimod-D4 hydrochloride

Chemical Properties

CAS No. : 1346604-90-7
 Formula: C₁₉H₃₀D₄ClNO₂
 Molecular Weight: 347.96
 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	Fingolimod-D4 hydrochloride is a deuterated compound of Fingolimod hydrochloride (T2539). Fingolimod hydrochloride has a CAS number of 162359-56-0. Fingolimod, a novel immune modulator, is a sphingosine 1-phosphate (S1P) antagonist (IC ₅₀ : 0.033 nM in K562 and NK cells).
Targets(IC ₅₀)	LPL Receptor,PAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8739 mL	14.3695 mL	28.7389 mL
5 mM	0.5748 mL	2.8739 mL	5.7478 mL
10 mM	0.2874 mL	1.4369 mL	2.8739 mL
50 mM	0.0575 mL	0.2874 mL	0.5748 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

- Rolin J, et al. FTY720 and SEW2871 reverse the inhibitory effect of S1P on natural killer cell mediated lysis of K562 tumor cells and dendritic cells but not on cytokine release. *Cancer Immunol Immunother.* 2010, 59(4), 575-586.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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