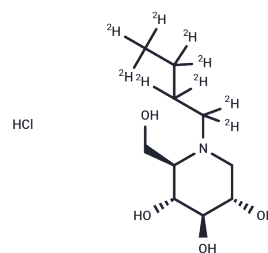


Miglustat-D9 hydrochloride

Chemical Properties

CAS No. :	1883545-57-0
Formula:	C ₁₀ H ₁₃ D ₉ ClNO ₄
Molecular Weight:	264.79
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	Miglustat-D9 hydrochloride, a deuterium-labeled variant of Miglustat (hydrochloride), functions as a glucosylceramide synthase inhibitor. Its primary application is in the treatment of Type I Gaucher disease (GD1) [1][2].
Targets(IC50)	Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7766 mL	18.8829 mL	37.7658 mL
5 mM	0.7553 mL	3.7766 mL	7.5532 mL
10 mM	0.3777 mL	1.8883 mL	3.7766 mL
50 mM	0.0755 mL	0.3777 mL	0.7553 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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