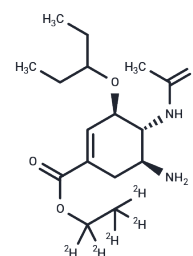


Oseltamivir-D5

Chemical Properties

CAS No. :	1093851-63-8
Formula:	C ₁₆ H ₂₈ N ₂ O ₄
Molecular Weight:	317.44
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	Oseltamivir-D5 is the deuterated form of Oseltamivir (T5186L), a neuraminidase (NAI) inhibitor targeting influenza viruses. It effectively suppresses influenza A/H3N2, A/H1N2, A/H1N1, and influenza B viruses, with average IC ₅₀ values of 0.67, 0.9, 1.34, and 13 nM, respectively.
Targets(IC ₅₀)	Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1502 mL	15.751 mL	31.502 mL
5 mM	0.630 mL	3.1502 mL	6.3004 mL
10 mM	0.315 mL	1.5751 mL	3.1502 mL
50 mM	0.063 mL	0.315 mL	0.630 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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