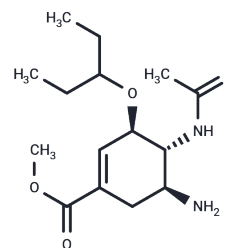


Oseltamivir acid methyl ester

Chemical Properties

CAS No. :	208720-71-2
Formula:	C ₁₅ H ₂₆ N ₂ O ₄
Molecular Weight:	298.38
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 acid methyl ester is a precursor form of oseltamivir acid, which is converted to oseltamivir acid by carboxylesterase 1 (CES1). Oseltamivir acid, in turn, acts as a neuraminidase inhibitor and antiviral agent [1].
Targets(IC50)	Others,Antibiotic,Lipid

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3514 mL	16.7572 mL	33.5143 mL
5 mM	0.6703 mL	3.3514 mL	6.7029 mL
10 mM	0.3351 mL	1.6757 mL	3.3514 mL
50 mM	0.067 mL	0.3351 mL	0.6703 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

Mai Shimizu, et al. Systematic Approach for Screening of Prodrugs: Evaluation Using Oseltamivir Analogues as Models. J Pharm Sci. 2021 Feb;110(2):925-934.

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