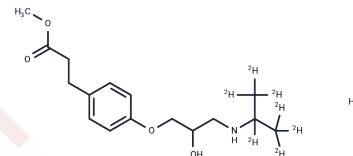


Esmolol-D7 hydrochloride

Chemical Properties

CAS No. : 1346598-13-7
 Formula: C₁₆H₁₉D₇ClNO₄
 Molecular Weight: 338.88
 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	Esmolol-D7 hydrochloride is a deuterated compound of Esmolol Hydrochloride (TMSM-1120). Esmolol hydrochloride has a CAS number of 81161-17-3. Esmolol is a cardioselective beta-blocker used in parenteral forms in the treatment of arrhythmias and severe hypertension. Esmolol has not been linked to instances of clinically apparent drug induced liver injury.
Targets(IC50)	Mitophagy,Adrenergic Receptor,Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9509 mL	14.7545 mL	29.509 mL
5 mM	0.5902 mL	2.9509 mL	5.9018 mL
10 mM	0.2951 mL	1.4754 mL	2.9509 mL
50 mM	0.059 mL	0.2951 mL	0.5902 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.

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