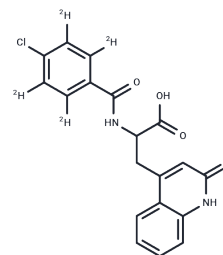


Rebamipide-D4

Chemical Properties

CAS No. :	1219409-06-9
Formula:	C ₁₉ H ₁₅ ClN ₂ O ₄
Molecular Weight:	374.81
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	Rebamipide-D4 is deuterium labeled Rebamipide (T1562).
Targets(IC50)	COX, Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.668 mL	13.3401 mL	26.6802 mL
5 mM	0.5336 mL	2.668 mL	5.336 mL
10 mM	0.2668 mL	1.334 mL	2.668 mL
50 mM	0.0534 mL	0.2668 mL	0.5336 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

Sun WH, et al. Induction of cyclooxygenase-2 in rat gastric mucosa by rebamipide, a mucoprotective agent. J Pharmacol Exp Ther. 2000 Nov;295(2):447-52.

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