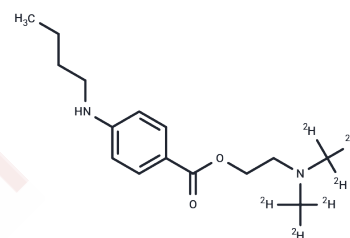


Tetracaine-D6

Chemical Properties

CAS No. :	756771-02-5
Formula:	C ₁₅ H ₁₈ D ₆ N ₂ O ₂
Molecular Weight:	270.40
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	Tetracaine-D6 is a deuterated compound of Tetracaine. Tetracaine (T1198L) has a CAS number of 94-24-6. Tetracaine (T1198L) is a powerful local anesthetic that alters the function of calcium releasing channels (lanine receptors) that control the release of calcium stored in cells.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6982 mL	18.4911 mL	36.9822 mL
5 mM	0.7396 mL	3.6982 mL	7.3964 mL
10 mM	0.3698 mL	1.8491 mL	3.6982 mL
50 mM	0.074 mL	0.3698 mL	0.7396 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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