

Doxycycline-D3 hydrochloride

Chemical Properties

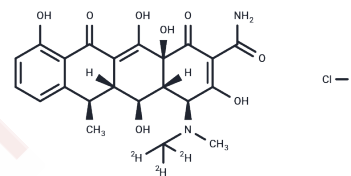
CAS No. :

Formula: C₂₂H₂₂D₃ClN₂O₈

Molecular Weight: 483.91

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

Doxycycline-D3 hydrochloride is a deuterated compound of Doxycycline Hydrochloride (T1140). Doxycycline hydrochloride has a CAS number of 100929-47-3.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0665 mL	10.3325 mL	20.665 mL
5 mM	0.4133 mL	2.0665 mL	4.133 mL
10 mM	0.2066 mL	1.0332 mL	2.0665 mL
50 mM	0.0413 mL	0.2066 mL	0.4133 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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