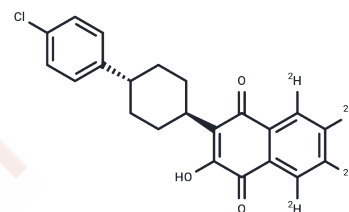


Atovaquone-D4

Chemical Properties

CAS No. :	2070015-14-2
Formula:	C ₂₂ H ₁₉ ClO ₃
Molecular Weight:	370.86
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	Atovaquone-D4 is the deuterium-labeled Atovaquone. Atovaquone (T1491) is a medication used to treat or prevent pneumocystis babesia, malaria, toxoplasmosis, and pneumonia.
Targets(IC50)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6964 mL	13.4822 mL	26.9644 mL
5 mM	0.5393 mL	2.6964 mL	5.3929 mL
10 mM	0.2696 mL	1.3482 mL	2.6964 mL
50 mM	0.0539 mL	0.2696 mL	0.5393 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

Looareesuwan, S., et al., Clinical studies of atovaquone, alone or in combination with other antimalarial drugs, for treatment of acute uncomplicated malaria in Thailand. Am J Trop Med Hyg, 1996. 54(1): p. 62-6.

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