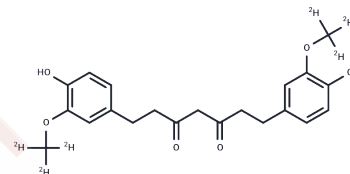


Tetrahydrocurcumin-D6

Chemical Properties

CAS No. :	1794898-13-7
Formula:	C ₂₁ H ₂₄ O ₆
Molecular Weight:	378.45
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	Tetrahydrocurcumin-D6 is a deuterium labeled Tetrahydrocurcumin. Tetrahydrocurcumin (T3735) displays inhibitory activity for CYP2C9 and CYP3A4.
Targets(IC50)	Autophagy,Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6424 mL	13.2118 mL	26.4236 mL
5 mM	0.5285 mL	2.6424 mL	5.2847 mL
10 mM	0.2642 mL	1.3212 mL	2.6424 mL
50 mM	0.0528 mL	0.2642 mL	0.5285 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

Novaes JT, et al. Disposition, Metabolism and Histone Deacetylase and Acetyltransferase Inhibition Activity of Tetrahydrocurcumin and Other Curcuminoids. *Pharmaceutics*. 2017 Oct 12;9(4).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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