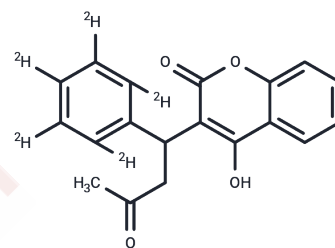


Warfarin-d5

Chemical Properties

CAS No. :	75472-93-4
Formula:	C ₁₉ H ₁₁ D ₅ O ₄
Molecular Weight:	313.36
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	Warfarin-d5 is a deuterated compound of warfarin used for isotope tracing. Warfarin (Coumatelone) is a vitamin K antagonist.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 20 mg/mL (63.82 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1912 mL	15.9561 mL	31.9122 mL
5 mM	0.6382 mL	3.1912 mL	6.3824 mL
10 mM	0.3191 mL	1.5956 mL	3.1912 mL
50 mM	0.0638 mL	0.3191 mL	0.6382 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

Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019;53(2):211-216.

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