Data Sheet (Cat.No.T13181)



Tolcapone D7

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Chemical Properties				
CAS No. :		2 ² H ² H ² H		
Formula:	C14H4D7NO5			
Molecular Weight:	280.28			
Appearance:	no data available	OT NO OH		
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year	и Сн о он		

Biological Description

Description	Tolcapone D7 is a deuterium-labeled Tolcapone. Tolcapone is a selective and orally active inhibitor of COMT.	
Targets(IC50)	Transferase	

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM 🛞	3.5679 mL	17.8393 m	35.6786 mL
5 mM	0.7136 mL	3.5679 mL	7.1357 mL
10 mM	0.3568 mL	1.7839 mL	3.5679 mL
50 mM	0.0714 mL	0.3568 mL	0.7136 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.

Reference

Paterson NE, et al. Sub-optimal performance in the 5-choice serial reaction time task in rats was sensitive to methylphenidate, atomoxetine and d-amphetamine, but unaffected by the COMT inhibitor tolcapone. Neurosci

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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