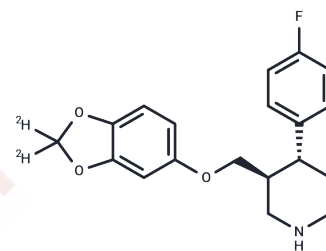


CTP-347

Chemical Properties

CAS No. : 923932-43-8
 Formula: C₁₉H₂₀FNO₃
 Molecular Weight: 331.38
 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	CTP-347, a deuterated version of paroxetine, is potentially the best non-hormonal drug in its class for the treatment of hot flashes.
Targets(IC50)	Apoptosis, Adrenergic Receptor, P2X Receptor, Serotonin Transporter

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0177 mL	15.0884 mL	30.1768 mL
5 mM	0.6035 mL	3.0177 mL	6.0354 mL
10 mM	0.3018 mL	1.5088 mL	3.0177 mL
50 mM	0.0604 mL	0.3018 mL	0.6035 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

Uttamsingh V, Gallegos R, Liu JF, Harbeson SL, Bridson GW, Cheng C, Wells DS, Graham PB, Zelle R, Tung R. Altering metabolic profiles of drugs by precision deuteration: reducing mechanism-based inhibition of CYP2D6 by paroxetine. *J Pharmacol Exp Ther*. 2015 Jul;354(1):43-54. doi: 10.1124/jpet.115.223768. Epub 2015 May 5. PubMed PMID: 25943764.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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