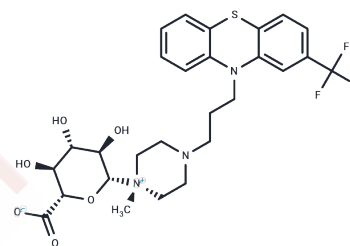


Trifluoperazine N-Glucuronide

Chemical Properties

CAS No. :	165602-90-4
Formula:	C ₂₇ H ₃₂ F ₃ N ₃ O ₆ S
Molecular Weight:	583.62
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	Trifluoperazine N-Glucuronide is a metabolite of Trifluoperazine with antidepressant and antipsychotic activity.
Targets(IC50)	Others,UGT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7134 mL	8.5672 mL	17.1344 mL
5 mM	0.3427 mL	1.7134 mL	3.4269 mL
10 mM	0.1713 mL	0.8567 mL	1.7134 mL
50 mM	0.0343 mL	0.1713 mL	0.3427 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

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- Walsky RL, Bauman JN, Bourcier K, Giddens G, Lapham K, Negahban A, Ryder TF, Obach RS, Hyland R, Goosen TC. Optimized assays for human UDP-glucuronosyltransferase (UGT) activities: altered alamethicin concentration and utility to screen for UGT inhibitors. *Drug Metab Dispos.* 2012 May;40(5):1051-65. doi: 10.1124/dmd.111.043117. Epub 2012 Feb 22. PubMed PMID: 22357286.
- Guo J, Zhou D, Grimm SW. Liquid chromatography-tandem mass spectrometry method for measurement of nicotine N-glucuronide: a marker for human UGT2B10 inhibition. *J Pharm Biomed Anal.* 2011 Jul 15;55(5):964-71. doi: 10.1016/j.jpba.2011.03.034. Epub 2011 Mar 29. PubMed PMID: 21497036.
- Fujiwara R, Nakajima M, Yamanaka H, Katoh M, Yokoi T. Interactions between human UGT1A1, UGT1A4, and UGT1A6 affect their enzymatic activities. *Drug Metab Dispos.* 2007 Oct;35(10):1781-7. Epub 2007 Jul 9. PubMed PMID: 17620344.

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