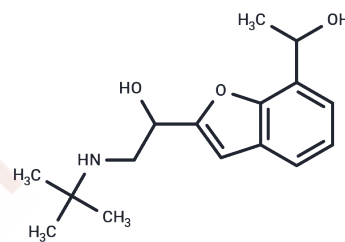


1'-Hydroxy bufuralol

Chemical Properties

CAS No. :	57704-16-2
Formula:	C ₁₆ H ₂₃ NO ₃
Molecular Weight:	277.36
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	1'-Hydroxy bufuralol is a metabolite of bufuralol, an orally active β -adrenoceptor blocker used in the study of hypertension and cardiac arrhythmias.
Targets(IC ₅₀)	Endogenous Metabolite,Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6054 mL	18.0271 mL	36.0542 mL
5 mM	0.7211 mL	3.6054 mL	7.2108 mL
10 mM	0.3605 mL	1.8027 mL	3.6054 mL
50 mM	0.0721 mL	0.3605 mL	0.7211 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

Daskalopoulos EP, et al. D₂-dopaminergic receptor-linked pathways: critical regulators of CYP3A, CYP2C, and CYP2D. Mol Pharmacol. 2012 Oct;82(4):668-78.

Yamazaki H, et al. Bufuralol hydroxylation by cytochrome P450 2D6 and 1A2 enzymes in human liver microsomes. Mol Pharmacol. 1994 Sep;46(3):568-77.

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