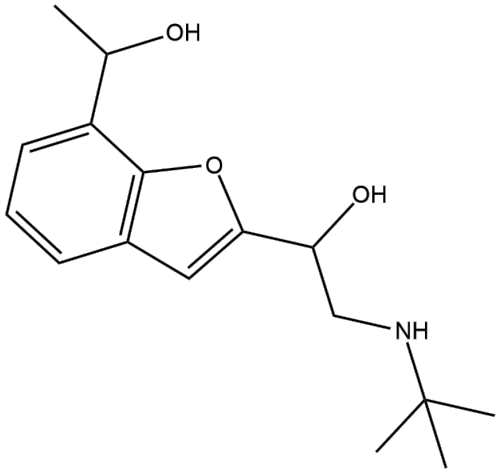
Product Data Sheet

Product Name: 1'-hydroxy Bufuralol
Cat. No.: GC18457

Chemical Properties

Cas. No.	57704-16-2		
Chemical Name	α2-[[(1,1-dimethylethyl)amino]methyl]-α7-methyl-2,7-benzofurandimethanol		
SMILES	CC(O)C1=C(OC(C(O)CNC(C)(C)C)=C2)C2=CC=C1		
Formula	$C_{16}H_{23}NO_3$	M.Wt	277.4
Solubility	Chloroform: Soluble,Methanol: Slightly soluble	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

1'-hydroxy Bufuralol is a metabolite of bufuralol . Bufuralol is metabolized by the cytochrome P450 isoforms 2D1 and 2D2 (CYP2D1/2); therefore, quantification of the bufuralol metabolite, 1'-hydroxy bufuralol, can be used to determine CYP2D1/2 enzyme activity in humans and rats.

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA