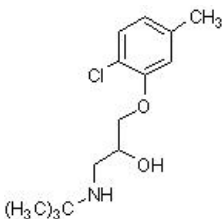


Product datasheet

Bupranolol, beta adrenoceptor antagonist ab141132

Overview

Product name	Bupranolol, beta adrenoceptor antagonist
Description	Potent non-selective β adrenoceptor antagonist
Biological description	Potent non-selective β adrenoceptor antagonist (K_i values are 5.2, 50 and 170 nM at β_2 , β_1 and β_3 , respectively). Similar potency to propranolol (ab120757).
Purity	> 99%
CAS Number	14556-46-8
Chemical structure	

Properties

Chemical name	1-(2-Chloro-5-methylphenoxy)-3-[(1,1-dimethylethyl)amino]-2-propranolol
Molecular weight	271.79
Molecular formula	$C_{14}H_{22}ClNO_2$
PubChem identifier	2475
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM and in ethanol to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>Clc1ccc(C)cc1OCC(O)CNC(C)(C)C</chem>
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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