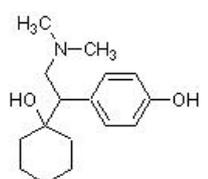


Product datasheet

Desvenlafaxine, SERT and NET inhibitor ab145741

Overview

Product name	Desvenlafaxine, SERT and NET inhibitor
Description	Potent SERT and NET inhibitor
Biological description	Potent SERT and NET inhibitor (K_i values are 40.2 and 558.4 nM respectively). Desvenlafaxine succinate (ab143602) precursor. Venlafaxine (ab120715) derivative. Shows antidepressant effects <i>in vivo</i> . Orally active.
Purity	> 99%
CAS Number	93413-62-8
Chemical structure	

Properties

Chemical name	4-[2-(Dimethylamino)-1-(1-hydroxycyclohexyl)ethyl]phenol
Molecular weight	263.38
Molecular formula	$C_{16}H_{25}NO_2$
PubChem identifier	125017
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 10 mM and in DMSO 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>CN(C)CC(C1=CC=C(C=C1)O)C2(CCCCC2)O</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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