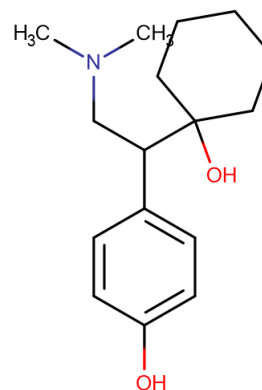


Product Name : Desvenlafaxine
Synonyms : Desvenlafaxine; DVS 233; MDD-XR
Cat No. : M16675
CAS Number : 93413-62-8
Molecular Formula : C₁₆H₂₅NO₂



Formula Weight : 263.38

Chemical Name : —

Description : Desvenlafaxine (O-desmethylenlafaxine) the major active metabolite of venlafaxine, is an antidepressant from the serotonin-norepinephrine reuptake inhibitor (SNRI class). Desvenlafaxine may be used to treat major depressive disorder and is being studied for use in the management of vasomotor symptoms in postmenopausal women. It is formulated as an extended release tablet. FDA approved in 2008.

Pathway : Endocrinology/Hormones

Target : 5-HT Receptor

Receptor : 5-HT; Norepinephrine (NE)

Solubility : Ethanol: 3 mg/mL (11.39 mM); DMSO: 37 mg/mL (140.48 mM)

SMILES : CN(C)CC(C1=CC=C(O)C=C1)C1(O)CCCCC1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Deecher DC, et al. J Pharmacol Exp Ther. 2006 Aug;318(2):657-65.