
Product Data Sheet

Product Name: (S)-Venlafaxine

Cat. No.: GC60424

Chemical Properties

Cas. No. 93413-44-6

SMILES OC1([C@@H](C2=CC=C(OC)C=C2)CN(C)C)CCCCC1Formula $C_{17}H_{27}NO_2$ M.Wt 277.4

Solubility 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**

(S)-Venlafaxine is the (S)-configuration of Venlafaxine. Venlafaxine is an orally active, potent serotonin (5-HT)/norepinephrine (NE) reuptake dual inhibitor. Venlafaxine is an antidepressant agent[1].

[1]. Bymaster FP, et al. Comparative affinity of duloxetine and venlafaxine for serotonin and norepinephrine transporters in vitro and in vivo, human serotonin receptor subtypes, and other neuronal receptors. *Neuropsychopharmacology*. 2001 Dec;25(6):871-80.

Caution: Product has not been fully validated for medical applications. For research use only.

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