
Product Data Sheet

Product Name: (S)-Dehydro Venlafaxine

Cat. No.: GC60416

Chemical Properties

Cas. No. 2742899-98-3

SMILES COC1=CC=C([C@H](C2=CCCCC2)CN(C)C)C=C1Formula C₁₇H₂₅NO M.Wt 259.39

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)-Dehydro Venlafaxine is an inactive S-enantiomer of Dehydro Venlafaxine. Dehydro Venlafaxine is an impurity of Venlafaxine hydrochloride. Venlafaxine hydrochloride (Wy 45030 hydrochloride) is a potent serotonin (5-HT)/norepinephrine (NE) reuptake dual inhibitor[1][2].

[1]. Mohanaragam Saravanan, et al. Impurity Profile Study of Venlafaxine Hydrochloride, an Antipsychotic Drug Substance. Synthetic Communications. Volume 40, 2010 - Issue 13. [2]. 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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