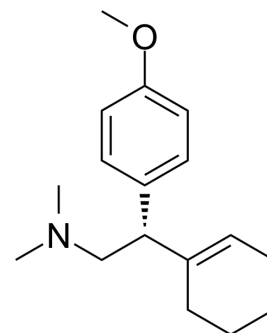


(S)-Dehydro Venlafaxine

Cat. No.:	HY-131284
CAS No.:	2742899-98-3
Molecular Formula:	C ₁₇ H ₂₅ NO
Molecular Weight:	259.39
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(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]}.

REFERENCES

- [1]. Mohanarangam 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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