

Product Data Sheet

Product Name: 8-hydroxy Mirtazapine

Cat. No.: GC49544

Chemical Properties

Cas. No. 102335-57-9

SMILES OC1=CN=C2C(CC3=CC=CC=C3C4N2CCN(C4)C)=C1

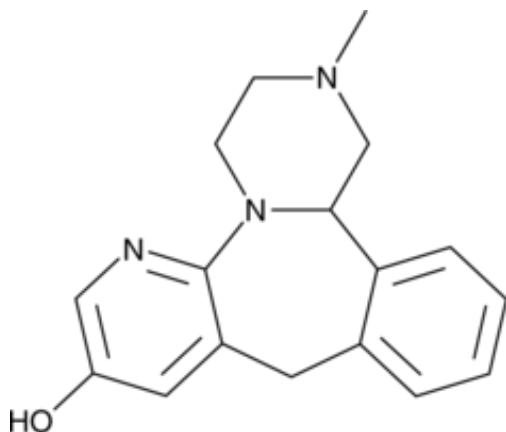
Formula C₁₇H₁₉N₃O M.Wt 281.4

Solubility DMSO: slightly soluble, Methanol: slightly soluble w/ sonication
Storage -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

8-hydroxy Mirtazapine is a metabolite of the antidepressant mirtazapine.¹ It is formed from mirtazapine by the cytochrome P450 (CYP) isoform CYP2D6.

1. Dahl, M.-L., Voortman, G., Alm, C., et al. In vitro and in vivo studies on the disposition of mirtazapine in humans Clin. Drug Investig. 13(1)37-46(1997)

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

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