

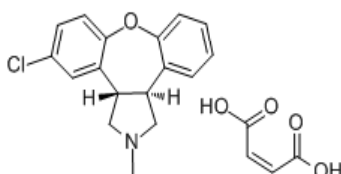
Product Data Sheet

Product Name: Asenapine maleate

CAS No.: 85650-56-2

Cat. No.: CS-0859

Structure



MWt: 401.84

Formula: C₂₁H₂₀ClNO₅

Solubility: DMSO >80 mg/mL Ethanol >12 mg/mL

Purity : >98%

Biological Activity:

Asenapine maleate is a 5-HT receptor antagonist (5-HT_{1A}, 1B, 5-HT_{2A}, 2B, 2C, 5-HT_{5A}, 5-HT₆ and 5-HT₇), a D₂ antagonist, and an antipsychotic. Asenapine maleate can be used to treat schizophrenia and bipolar mania.

References:

- [1]. Stoner SC, Pace HA. Asenapine: a clinical review of a second-generation antipsychotic. Clin Ther. 2012 May;34(5):1023-40.
- [2]. Tarazi FI, Shahid M. Asenapine maleate: a new drug for the treatment of schizophrenia and bipolar mania. Drugs Today (Barc). 2009 Dec;45(12):865-76.
- [3]. Elsworth JD, Groman SM, Jentsch JD et al. Asenapine effects on cognitive and monoamine dysfunction elicited by subchronic phencyclidine administration. Neuropharmacology. 2012 Mar;62(3):1442-52.
- [4]. Potkin SG. Asenapine: a clinical overview. J Clin Psychiatry. 2011;72 Suppl 1:14-8.
- [5]. Shahid M, Walker GB, Zorn SH, Wong EH. Asenapine: a novel psychopharmacologic agent with a unique human receptor signature. J Psychopharmacol. 2009 Jan;23(1):65-73.

Caution: Not fully tested. For research purposes only

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