

Product Data Sheet

Product Name: EMDT oxalate

Cat. No.: GC15367

Chemical Properties

Cas. No. 263744-72-5

Chemical Name 2-(2-ethyl-5-methoxy-1H-indol-3-yl)-N,N-dimethylethanamine oxalate

SMILES CCC(N1)=C(C2=C1C=CC(OC)=C2)CCN(C)C.OC(C(O)=O)=O

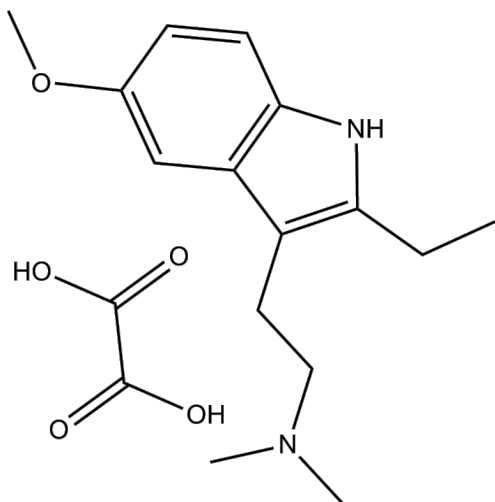
Formula $C_{15}H_{22}N_2O \cdot C_2H_2O_4$ M.Wt 336.38

Solubility <16.82mg/ml in Water; <33.64mg/ml in DMSO 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

EMDT oxalate is a selective 5-HT₆ agonist, and has antidepressant effects[1].

References:

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

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[1]. Svenningsson P, et al. Biochemical and behavioral evidence for antidepressant-like effects of 5-HT₆ receptor stimulation. J Neurosci. 2007 Apr 11;27(15):4201-9.

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