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**Product Data Sheet**

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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)=OFormula  $C_{15}H_{22}N_2O \cdot C_2H_2O_4$  M.Wt 336.38

Solubility &lt;16.82mg/ml in Water; &lt;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-HT<sub>6</sub> agonist, and has antidepressant effects[1].

## References:

[1]. Svenningsson P, et al. Biochemical and behavioral evidence for antidepressant-like effects of 5-HT<sub>6</sub> receptor stimulation. J Neurosci. 2007 Apr 11;27(15):4201-9.

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

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