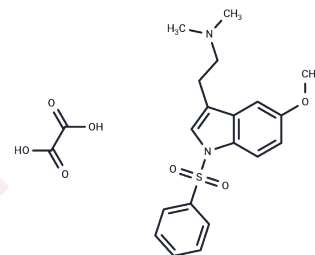


MS 245 oxalate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 275363-58-1 |
| Formula: | C ₂₁ H ₂₄ N ₂ O ₇ S |
| Molecular Weight: | 448.49 |
| Storage: | Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA. |



Biological Description

| | |
|----------------------------|---|
| Description | MS 245 oxalate is a 5-HT ₆ antagonist. |
| Targets(IC ₅₀) | Others,5-HT Receptor |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|-----------|
| 1 mM | 2.2297 mL | 11.1485 mL | 22.297 mL |
| 5 mM | 0.4459 mL | 2.2297 mL | 4.4594 mL |
| 10 mM | 0.223 mL | 1.1149 mL | 2.2297 mL |
| 50 mM | 0.0446 mL | 0.223 mL | 0.4459 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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Smith H, Liu XY, Dai L, et al. The role of TBK1 and IKKe in the expression and activation of Pellino 1. *Biochem J*, 2011, 434(3): 537-548.

Clark K, MacKenzie KF, Petkevicius K, et al. Phosphorylation of CRTC3 by the salt-inducible kinases controls the interconversion of classically activated and regulatory macrophages. *Proc Natl Acad Sci U S A*, 2012, 109(42): 16986-16991.

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