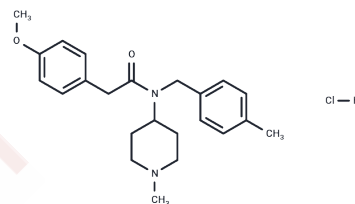


AC-90179 HCl

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 359878-19-6 |
| Formula: | C ₂₃ H ₃₁ ClN ₂ O ₂ |
| Molecular Weight: | 402.96 |
| 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 | AC-90179 HCl (AC-90179 hydrochloride) is a selective inverse agonist of 5-HT _{2A} receptor. AC-90179 HCl is an atypical antipsychotic pharmaceutical and has been shown to alleviate hallucinogen-induced vasoconstriction. |
| Targets(IC ₅₀) | 5-HT Receptor |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 55 mg/mL (136.49 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.4816 mL | 12.4082 mL | 24.8164 mL |
| 5 mM | 0.4963 mL | 2.4816 mL | 4.9633 mL |
| 10 mM | 0.2482 mL | 1.2408 mL | 2.4816 mL |
| 50 mM | 0.0496 mL | 0.2482 mL | 0.4963 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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