

PDE10-IN-1

Chemical Properties

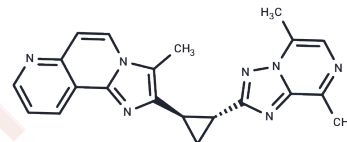
CAS No. : 1516896-09-5

Formula: C₂₁H₁₉N₇

Molecular Weight: 369.42

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

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| Description | PDE10-IN-1 (SEP-0372814) is used for treating CNS and metabolic disorders. |
| Targets(IC50) | PDE |

Solubility Information

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|------------|--|
| Solubility | DMSO: 1 mg/mL (2.71 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
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Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.7069 mL | 13.5347 mL | 27.0695 mL |
| 5 mM | 0.5414 mL | 2.7069 mL | 5.4139 mL |
| 10 mM | 0.2707 mL | 1.3535 mL | 2.7069 mL |
| 50 mM | 0.0541 mL | 0.2707 mL | 0.5414 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

Campbell, John Emmerson, et al. Preparation of heteroaryl compounds as PDE-10 inhibitors for treating CNS and metabolic disorders. Patent WO 2013192273 A1 20131227.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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