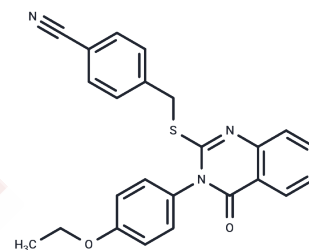


CK1δ-IN-3

Chemical Properties

CAS No. : 571174-12-4
 Formula: C₂₄H₁₉N₃O₂S
 Molecular Weight: 413.49
 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 | CK1δ-IN-3 (compound 376) is a CK1δ (casein kinase 1δ) inhibitor that can be used to study neurodegenerative diseases such as Alzheimer's disease. |
| Targets(IC50) | Casein Kinase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.4184 mL | 12.0922 mL | 24.1844 mL |
| 5 mM | 0.4837 mL | 2.4184 mL | 4.8369 mL |
| 10 mM | 0.2418 mL | 1.2092 mL | 2.4184 mL |
| 50 mM | 0.0484 mL | 0.2418 mL | 0.4837 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

Joseph MS, et al. CASEIN KINASE 1δ (CK1δ) INHIBITORS, WO2012080729A2, 2012-06-21.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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