

SARM1-IN-4

Chemical Properties

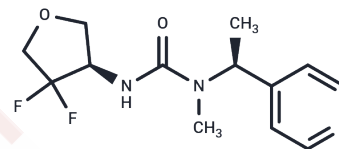
CAS No. : 3069378-18-0

Formula: C₁₃H₁₇F₂N₃O₂

Molecular Weight: 285.29

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 | SARM1-IN-4 (Compound 7) is an orally active SARM1 inhibitor that reduces plasma neurofilament light chain (NfL) levels in a mouse model following a 50 mg/kg oral dose. By inhibiting the NAD ⁺ hydrolase activity of SARM1, it prevents programmed axon degeneration, making it useful for research in neurodegenerative and neurological diseases such as multiple sclerosis, amyotrophic lateral sclerosis, Parkinson's disease, and peripheral neuropathy. |
| Targets(IC50) | TLR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 3.5052 mL | 17.526 mL | 35.0521 mL |
| 5 mM | 0.701 mL | 3.5052 mL | 7.0104 mL |
| 10 mM | 0.3505 mL | 1.7526 mL | 3.5052 mL |
| 50 mM | 0.0701 mL | 0.3505 mL | 0.701 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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