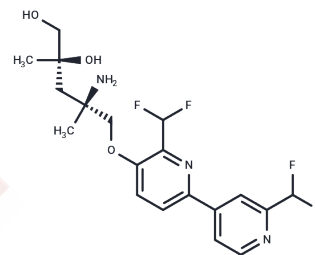


AAK1-IN-10

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 3083494-45-2 |
| Formula: | C19H23F4N3O3 |
| Molecular Weight: | 417.40 |
| 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 | AAK1-IN-10 (Compound 1-2) is an AAK1 inhibitor with significant enzymatic inhibition of AAK1 (IC50: 9.62 nM). Its primary mechanism involves inhibiting adaptor-associated kinase 1 (AAK1) activity. AAK1-IN-10 exhibits minimal cardiotoxicity (IC50 = 13.7 μM) and can be utilized in research for diabetic neuralgia and postherpetic neuralgia. |
| Targets(IC50) | AAK1 (AP2 associated kinase 1) |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.3958 mL | 11.9789 mL | 23.9578 mL |
| 5 mM | 0.4792 mL | 2.3958 mL | 4.7916 mL |
| 10 mM | 0.2396 mL | 1.1979 mL | 2.3958 mL |
| 50 mM | 0.0479 mL | 0.2396 mL | 0.4792 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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