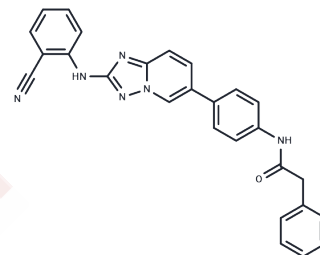


Mps-BAY1

Chemical Properties

CAS No. : 1309593-24-5
 Formula: C₂₇H₂₀N₆O
 Molecular Weight: 444.49
 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 | Mps-BAY1, an MPS1 inhibitor, exhibits anticancer activity. It inhibits cell proliferation and induces cell apoptosis by activating mitotic aberrations in cancer cells, leading to overall aneuploidy and polyploidy. Mps-BAY1 is used in research pertaining to colorectal and cervical cancer. |
| Targets(IC50) | Apoptosis, Kinesin |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.2498 mL | 11.2488 mL | 22.4977 mL |
| 5 mM | 0.450 mL | 2.2498 mL | 4.4995 mL |
| 10 mM | 0.225 mL | 1.1249 mL | 2.2498 mL |
| 50 mM | 0.045 mL | 0.225 mL | 0.450 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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