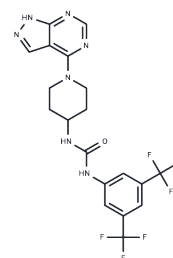


ZMF-10

Chemical Properties

CAS No. : 2415295-37-1
 Formula: C₁₉H₁₇F₆N₇O
 Molecular Weight: 473.38
 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 | ZMF-10 is a potent inhibitor of PAK1, and can act on PAK1 (IC ₅₀ :174 nM), PAK2 (IC ₅₀ : 1.038 μM) and PAK3 (IC ₅₀ :1.372 μM). ZMF-10 inhibited PAK1 activity and affected Pak1-regulated apoptosis, endoplasmic reticulum stress and migration in MDA-MB-231 cells. ZMF-10 can be used to study cancer. |
| Targets(IC ₅₀) | Apoptosis,Others,PAK |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.1125 mL | 10.5623 mL | 21.1247 mL |
| 5 mM | 0.4225 mL | 2.1125 mL | 4.2249 mL |
| 10 mM | 0.2112 mL | 1.0562 mL | 2.1125 mL |
| 50 mM | 0.0422 mL | 0.2112 mL | 0.4225 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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