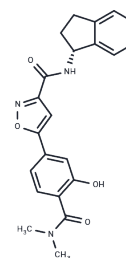


PFI-6

Chemical Properties

CAS No. : 2675452-91-0
 Formula: C₂₂H₂₁N₃O₄
 Molecular Weight: 391.42
 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	PFI-6 is a selective and non-cytotoxic probe targeting the YEATS domain of MLLT1 (ENL/YEATS1) and MLLT3 (AF9/YEATS3), with IC ₅₀ values of 140 nM for MLLT1 and 160 nM for MLLT3. It serves as a molecular tool to investigate the role of MLLT1/3 in diseases and genome validation studies [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5548 mL	12.774 mL	25.548 mL
5 mM	0.511 mL	2.5548 mL	5.1096 mL
10 mM	0.2555 mL	1.2774 mL	2.5548 mL
50 mM	0.0511 mL	0.2555 mL	0.511 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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