

MLK3-IN-1

Chemical Properties

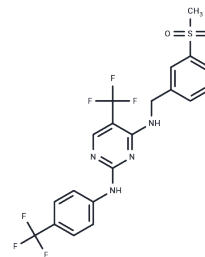
CAS No. :

Formula: C₂₀H₁₆F₆N₄O₂S

Molecular Weight: 490.422

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	MLK3-IN-1 (Compound 37) is a selective inhibitor of mixed-lineage kinase 3 (MLK3) with an IC ₅₀ of less than 1 nM. It also inhibits FAK with an IC ₅₀ of 15.5 μM. In both murine and human liver microsomes, MLK3-IN-1 demonstrates excellent metabolic stability.
Targets(IC ₅₀)	MLK,FAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0391 mL	10.1953 mL	20.3907 mL
5 mM	0.4078 mL	2.0391 mL	4.0781 mL
10 mM	0.2039 mL	1.0195 mL	2.0391 mL
50 mM	0.0408 mL	0.2039 mL	0.4078 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

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