

PDE4-IN-6

Chemical Properties

CAS No. :

Formula: C₂₅H₂₀FNO₅S

Molecular Weight: 465.49

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	PDE4-IN-6 is a safe, potent and moderately selective inhibitor of PDE4, acting on PDE4B (IC ₅₀ : 0.125 μM) and PDE4D (IC ₅₀ : 0.43 μM). PDE4-IN-6 is able to down-regulate TNF-α and IL-6 expression levels, exhibits anti-inflammatory and anti-arthritic effects, and has potent immunomodulatory activity. PDE4-IN-6 has potential for anti-rheumatoid arthritis studies.
Targets(IC ₅₀)	Others,PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1483 mL	10.7414 mL	21.4827 mL
5 mM	0.4297 mL	2.1483 mL	4.2965 mL
10 mM	0.2148 mL	1.0741 mL	2.1483 mL
50 mM	0.043 mL	0.2148 mL	0.4297 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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