

PDE4-IN-5

## Chemical Properties

CAS No. :

Formula: C<sub>21</sub>H<sub>28</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight: 356.46

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-5 (compound 33a) is a highly potent and selective PDE4 inhibitor with an IC <sub>50</sub> value of 3.1 nM, exhibiting excellent skin permeability and a well-characterized binding mechanism. It also shows a notable anti-psoriasis effect [1].
Targets(IC <sub>50</sub> )	Others,PDE

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8054 mL	14.0268 mL	28.0536 mL
5 mM	0.5611 mL	2.8054 mL	5.6107 mL
10 mM	0.2805 mL	1.4027 mL	2.8054 mL
50 mM	0.0561 mL	0.2805 mL	0.5611 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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