

PDE4-IN-21

## Chemical Properties

CAS No. :

Formula: C<sub>15</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>6</sub>S

Molecular Weight: 377.25

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-21 (Compound L19) is an effective PDE4 inhibitor with an IC <sub>50</sub> of 0.48 μM. It demonstrates substantial inhibitory activity and notable metabolic stability in rat liver microsomes.
Targets(IC <sub>50</sub> )	PDE

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6508 mL	13.2538 mL	26.5076 mL
5 mM	0.5302 mL	2.6508 mL	5.3015 mL
10 mM	0.2651 mL	1.3254 mL	2.6508 mL
50 mM	0.053 mL	0.2651 mL	0.5302 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

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481