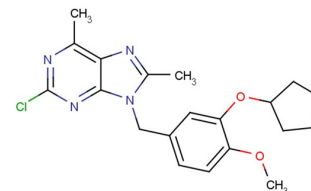


PDE IV-IN-1

Chemical Properties

CAS No.:	225100-12-9
Formula:	C ₂₀ H ₂₃ ClN ₄ O ₂
Molecular Weight:	386.88
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	PDE IV-IN-1 is a phosphodiesterase IV inhibitor used for the research of COPD, asthma, or other inflammatory diseases.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.585 mL	12.924 mL	25.848 mL
5 mM	0.517 mL	2.585 mL	5.17 mL
10 mM	0.258 mL	1.292 mL	2.585 mL
50 mM	0.052 mL	0.258 mL	0.517 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Purine derivative dihydrate, drugs containing the same as the active ingredient and intermediate in the production thereof. US 6919455 B2

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481