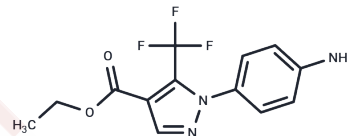


PDE4-IN-20

Chemical Properties

CAS No. : 223500-15-0
 Formula: C₁₃H₁₂F₃N₃O₂
 Molecular Weight: 299.25
 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	ethyl 1-(4-aminophenyl)-5-(trifluoromethyl)-1H-pyrazole-4-carboxylate, also known as EAPT, is a potent and selective PDE4 inhibitor that regulates intracellular cyclic adenosine monophosphate (cAMP) levels. It has been used in a variety of scientific applications, including the study of cAMP-mediated signaling pathways, and has potential as a therapeutic agent for the treatment of inflammatory and immune-related diseases.
Targets(IC50)	Others,PDE

Solubility Information

Solubility	DMSO: 45 mg/mL (150.38 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3417 mL	16.7084 mL	33.4169 mL
5 mM	0.6683 mL	3.3417 mL	6.6834 mL
10 mM	0.3342 mL	1.6708 mL	3.3417 mL
50 mM	0.0668 mL	0.3342 mL	0.6683 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