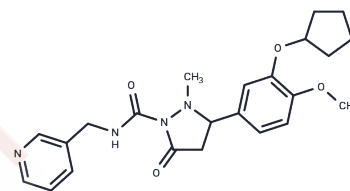


WAY127093B racemate

Chemical Properties

CAS No. : 145743-63-1
 Formula: C₂₃H₂₈N₄O₄
 Molecular Weight: 424.49
 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	WAY127093B racemate is the racemic mixture of WAY127093B, a phosphodiesterase IV inhibitor with demonstrated oral activity in rats and guinea pigs.
Targets(IC50)	PDE

Solubility Information

Solubility	DMSO: 60 mg/mL (141.35 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	2.3558 mL	11.7788 mL	23.5577 mL
5 mM	0.4712 mL	2.3558 mL	4.7115 mL
10 mM	0.2356 mL	1.1779 mL	2.3558 mL
50 mM	0.0471 mL	0.2356 mL	0.4712 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.

Reference

Howell RE, et al. Pulmonary antiallergic and antiinflammatory effects of a novel, orally-active phosphodiesterase IV inhibitor (WAY-127093B) in guinea pigs and rats. *Inflamm Res.* 1995 Aug;44 Suppl 2:S172-3.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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