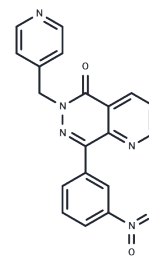


RS 14203

Chemical Properties

CAS No. : 150347-75-4
 Formula: C₁₉H₁₃N₅O₃
 Molecular Weight: 359.34
 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	RS 14203 is a selective type 4 phosphodiesterase (PDE4) inhibitor.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7829 mL	13.9144 mL	27.8288 mL
5 mM	0.5566 mL	2.7829 mL	5.5658 mL
10 mM	0.2783 mL	1.3914 mL	2.7829 mL
50 mM	0.0557 mL	0.2783 mL	0.5566 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

Robichaud A, Tattersall FD, Choudhury I, Rodger IW. Emesis induced by inhibitors of type IV cyclic nucleotide phosphodiesterase (PDE IV) in the ferret. *Neuropharmacology*. 1999 Feb;38(2):289-97. PubMed PMID: 10218871.
 Savoie C, Chan CC, Rodger IW, Robichaud A. Selective potentiating effect of RS14203 on a serotonergic pathway in anesthetized rats. *Can J Physiol Pharmacol*. 2000 Sep;78(9):708-13. Erratum in: *Can J Physiol Pharmacol* 2001 Jan;79(1):93. PubMed PMID: 11007533.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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