

(R)-PF-04822163

Chemical Properties

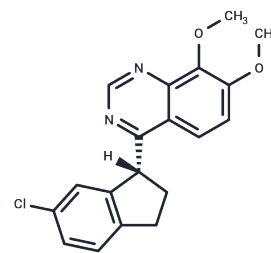
CAS No. :

Formula: C₁₉H₁₇ClN₂O₂

Molecular Weight: 340.8

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	(R)-PF-04822163 is an isomer of PF-04822163. PF-04822163 is an oral, selective PDE1 inhibitor that can cross the blood-brain barrier. PF-04822163 can be used in studies about nervous system disorders such as attention deficit hyperactivity disorder (ADHD) and Parkinson's disease.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9343 mL	14.6714 mL	29.3427 mL
5 mM	0.5869 mL	2.9343 mL	5.8685 mL
10 mM	0.2934 mL	1.4671 mL	2.9343 mL
50 mM	0.0587 mL	0.2934 mL	0.5869 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

Humphrey JM, et al. Discovery of Potent and Selective Periphery-Restricted Quinazoline Inhibitors of the Cyclic Nucleotide Phosphodiesterase PDEJ Med Chem. 2018 May 24;61(10):4635-4640.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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