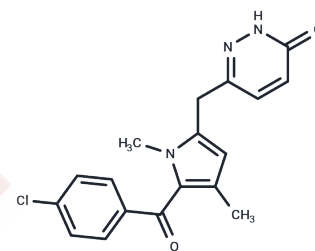


RS-57067

Chemical Properties

CAS No. : 179382-91-3
 Formula: C₁₈H₁₆ClN₃O₂
 Molecular Weight: 341.792
 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-57067 is a COX-2 inhibitor with a Ki value of 16.9 μM. By inhibiting COX-2, RS-57067 reduces the production of prostaglandins (such as PGE ₂), thereby alleviating inflammatory responses. It is applicable in the study of inflammatory immune diseases.
Targets(IC ₅₀)	COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9258 mL	14.6289 mL	29.2577 mL
5 mM	0.5852 mL	2.9258 mL	5.8515 mL
10 mM	0.2926 mL	1.4629 mL	2.9258 mL
50 mM	0.0585 mL	0.2926 mL	0.5852 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

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