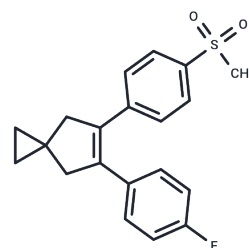


SC58451

## Chemical Properties

CAS No. : 168433-84-9  
 Formula: C<sub>20</sub>H<sub>19</sub>FO<sub>2</sub>S  
 Molecular Weight: 342.43  
 Storage: Store at low temperature  
 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	SC58451 is a novel potent, orally active and selective COX-2 inhibitor. SC58451 showed anti-inflammatory activity in a rat model of arthritis.
Targets(IC50)	COX

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9203 mL	14.6015 mL	29.203 mL
5 mM	0.5841 mL	2.9203 mL	5.8406 mL
10 mM	0.292 mL	1.4602 mL	2.9203 mL
50 mM	0.0584 mL	0.292 mL	0.5841 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

Li JJ, et al. Novel terphenyls as selective cyclooxygenase-2 inhibitors and orally active anti-inflammatory agents. J Med Chem. 1996 Apr 26;39(9):1846-56.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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