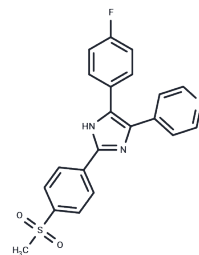


## SB 203580 sulfone

## Chemical Properties

CAS No. :	152121-46-5
Formula:	C <sub>21</sub> H <sub>16</sub> FN <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	393.43
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	SB 203580 sulfone, an analog of the p38 MAP kinase inhibitor SB 203580, inhibits IL-1 production in monocytes and binds competitively with CSAID binding proteins (CSBP), inhibiting stress response signaling. It exhibits an IC <sub>50</sub> of 0.2 μM for IL-1 inhibition and 0.03 μM for CSBP-mediated signaling inhibition [1].
Targets(IC <sub>50</sub> )	Others,p38 MAPK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5417 mL	12.7087 mL	25.4175 mL
5 mM	0.5083 mL	2.5417 mL	5.0835 mL
10 mM	0.2542 mL	1.2709 mL	2.5417 mL
50 mM	0.0508 mL	0.2542 mL	0.5083 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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