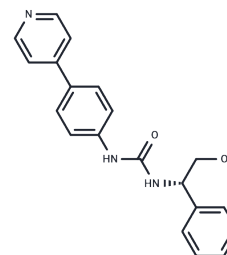


AS 1892802

## Chemical Properties

CAS No. : 928320-12-1  
 Formula: C<sub>20</sub>H<sub>19</sub>N<sub>3</sub>O<sub>2</sub>  
 Molecular Weight: 333.38  
 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	AS 1892802 is a potent and selective inhibitor of ROCK. AS 1892802 exhibits IC <sub>50</sub> values of 52nM, 57nM and 122 nM for human ROCK2, rat ROCK2 and human ROCK1, respectively. The onset of antinociceptive effect of AS 1892802 is as fast as those of Tramadol and Diclofenac.
Targets(IC <sub>50</sub> )	ROCK

## Solubility Information

Solubility	Ethanol: 7.5 mg/mL (22.5 mM), Sonication is recommended. DMSO: 40 mg/mL (119.98 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9996 mL	14.9979 mL	29.9958 mL
5 mM	0.5999 mL	2.9996 mL	5.9992 mL
10 mM	0.300 mL	1.4998 mL	2.9996 mL
50 mM	0.060 mL	0.300 mL	0.5999 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

Yoshimi E, et al. Antinociceptive effects of AS1892802, a novel Rho kinase inhibitor, in rat models of inflammatory and noninflammatory arthritis. J Pharmacol Exp Ther. 2010;334(3):955-963.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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