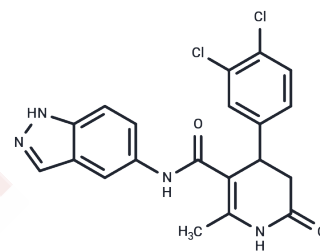


GSK299115A

## Chemical Properties

CAS No. : 864082-35-9  
 Formula: C<sub>20</sub>H<sub>16</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 415.27  
 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	GSK299115A (GSK-299115A) is a selective ROCK1 Inhibitor. GSK299115A exhibits IC <sub>50</sub> of 8nM, 620nM, 560nM for ROCK1, RSK1, p70S6K, respectively.
Targets(IC <sub>50</sub> )	GRK,PKA

## Solubility Information

Solubility	DMSO: 50 mg/mL (120.4 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4081 mL	12.0404 mL	24.0807 mL
5 mM	0.4816 mL	2.4081 mL	4.8161 mL
10 mM	0.2408 mL	1.204 mL	2.4081 mL
50 mM	0.0482 mL	0.2408 mL	0.4816 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

- Guccione M, et al. G-Protein-Coupled Receptor Kinase 2 (GRK2) Inhibitors: Current Trends and Future Perspectives. J Med Chem. 2016 Oct 27;59(20):9277-9294.  
 Goodman KB, et al. Development of dihydropyridone indazole amides as selective Rho-kinase inhibitors. J Med Chem. 2007 Jan 11;50(1):6-9.

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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481