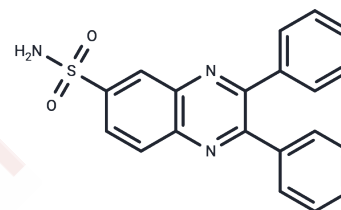


WAY-604663

Chemical Properties

CAS No. : 380347-87-5
 Formula: C₂₀H₁₅N₃O₂S
 Molecular Weight: 361.42
 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	WAY-604663 (2,3-diphenylquinoxaline-6-sulfonamide) may have antibacterial analgesic and anti-inflammatory activities.
Targets(IC50)	Antibacterial, Antibiotic

Solubility Information

Solubility	DMSO: 50 mg/mL (138.34 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	2.7669 mL	13.8343 mL	27.6686 mL
5 mM	0.5534 mL	2.7669 mL	5.5337 mL
10 mM	0.2767 mL	1.3834 mL	2.7669 mL
50 mM	0.0553 mL	0.2767 mL	0.5534 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

Peraman R, et al. New camphor hybrids: lipophilic enhancement improves antimicrobial efficacy against drug-resistant pathogenic microbes and intestinal worms. *Medicinal Chemistry Research*. 2018;27: 1728-1739.

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