

BRD9876

Chemical Properties

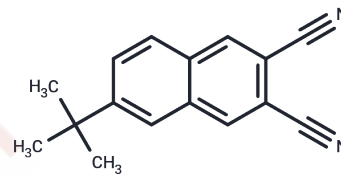
CAS No. : 32703-82-5

Formula: C₁₆H₁₄N₂

Molecular Weight: 234.3

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	BRD9876 is a selective inhibitor of MM1S growth.
Targets(IC50)	Microtubule Associated,Kinesin

Solubility Information

Solubility	DMSO: 2.35 mg/mL (10.03 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	4.268 mL	21.3402 mL	42.6803 mL
5 mM	0.8536 mL	4.268 mL	8.5361 mL
10 mM	0.4268 mL	2.134 mL	4.268 mL
50 mM	0.0854 mL	0.4268 mL	0.8536 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

Geng-Yuan, Chen, You,et al. Eg5 Inhibitors Have Contrasting Effects on Microtubule Stability and Metaphase Spindle Integrity[J]. Acs Chem Biol, 2017.

Shrikanta Chattopadhyay , Alison L Stewart .et al.Niche-Based Screening in Multiple Myeloma Identifies a Kinesin-5 Inhibitor With Improved Selectivity Over Hematopoietic Progenitors.Cell Rep. 2015 Feb 10;10(5):755-770.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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