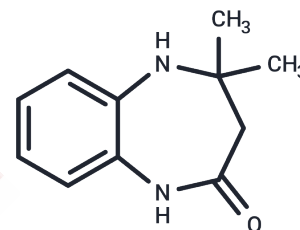


BRD4 Inhibitor 31

Chemical Properties

CAS No. : 56369-21-2
 Formula: C₁₁H₁₄N₂O
 Molecular Weight: 190.24
 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	4,4-dimethyl-2,3,4,5-tetrahydro-1H-1,5-benzodiazepin-2-one is a benzodiazepine derivative. It is an orthosteric modulator of the GABAA receptor and selectively binds to the benzodiazepine site of the GABAA receptor. It has anxiolytic, anticonvulsant and sedative activity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 1.91 mg/mL (10.04 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2565 mL	26.2826 mL	52.5652 mL
5 mM	1.0513 mL	5.2565 mL	10.513 mL
10 mM	0.5257 mL	2.6283 mL	5.2565 mL
50 mM	0.1051 mL	0.5257 mL	1.0513 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

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