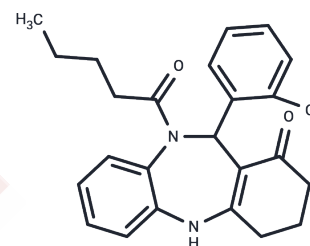


RBC10

Chemical Properties

CAS No. : 362503-73-9
 Formula: C₂₄H₂₅ClN₂O₂
 Molecular Weight: 408.92
 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	RBC10 inhibits the binding of Ral to its effector RALBP1, as well as inhibiting Ral-mediated cell spreading of murine embryonic fibroblasts and anchorage-independent growth of human cancer cell lines.
Targets(IC50)	GTPase,Ras

Solubility Information

Solubility	DMSO: 50 mg/mL (122.27 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4455 mL	12.2273 mL	24.4547 mL
5 mM	0.4891 mL	2.4455 mL	4.8909 mL
10 mM	0.2445 mL	1.2227 mL	2.4455 mL
50 mM	0.0489 mL	0.2445 mL	0.4891 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

Yan C, et al. Discovery and characterization of small molecules that target the GTPase Ral. Nature. 2014;515(7527): 443-447.

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