

ROCK2-IN-9

Chemical Properties

CAS No. :

Formula: C₂₈H₃₀N₈O₂

Molecular Weight: 510.59

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	ROCK2-IN-9 (compound 7u), a selective ROCK2 inhibitor with an IC ₅₀ value of 36.8 nM, demonstrates anticancer properties by impeding cancer cell migration and invasion. This action is achieved through the regulation of various actin cytoskeleton cellular activities. It holds potential for use in breast cancer research.
Targets(IC ₅₀)	ROCK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9585 mL	9.7926 mL	19.5852 mL
5 mM	0.3917 mL	1.9585 mL	3.917 mL
10 mM	0.1959 mL	0.9793 mL	1.9585 mL
50 mM	0.0392 mL	0.1959 mL	0.3917 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