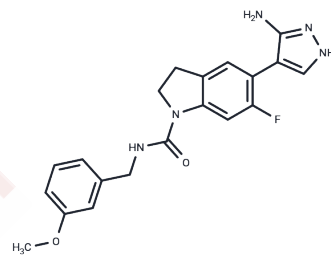


ROCK-IN-9

Chemical Properties

CAS No. :	2643334-76-1
Formula:	C ₂₀ H ₂₀ FN ₅ O ₂
Molecular Weight:	381.4
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	ROCK-IN-9 (Compound T345), a ROCK inhibitor, exhibits cytotoxicity in HepG2 cells with an IC ₅₀ of 40.8 μM. It demonstrates favorable pharmacokinetic properties in mice, achieving high in vivo exposure and oral bioavailability at low doses [1].
Targets(IC ₅₀)	ROCK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6219 mL	13.1096 mL	26.2192 mL
5 mM	0.5244 mL	2.6219 mL	5.2438 mL
10 mM	0.2622 mL	1.311 mL	2.6219 mL
50 mM	0.0524 mL	0.2622 mL	0.5244 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