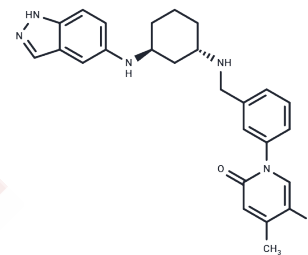


ROCK2-IN-7

Chemical Properties

CAS No. :	3000541-95-4
Formula:	C ₂₆ H ₂₈ FN ₅ O
Molecular Weight:	445.53
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 inhibitor is a chemical compound associated with the therapeutic management of psoriasis. It exhibits its efficacy in targeting ROCK2 enzymes within HaCaT cells and has demonstrated beneficial effects in a psoriasis-like mouse model.
Targets(IC50)	MMP,STAT,ROCK
In vitro	ROCK2-IN-7 (2-5\$, 24 hours) inhibits the ROCK2/pSTAT3 signaling pathway in HaCaT cells [1].
In vivo	ROCK2-IN-7 administration (20-80 mg/kg, oral, daily for 7 days) reduced key interleukins associated with the IL-23/Th17 axis and important factors involved in keratinocyte proliferation [1]. Concurrently, ROCK2-IN-79 (20-80 mg/kg, oral, daily for 7 days) inhibited systemic immune activation, alleviating inflammation [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2445 mL	11.2226 mL	22.4452 mL
5 mM	0.4489 mL	2.2445 mL	4.489 mL
10 mM	0.2245 mL	1.1223 mL	2.2445 mL
50 mM	0.0449 mL	0.2245 mL	0.4489 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