

NLRP3-IN-12

Chemical Properties

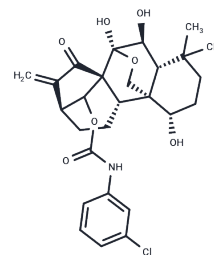
CAS No. :

Formula: C₂₇H₃₂ClNO₇

Molecular Weight: 518

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	NLRP3-IN-12 is a specific inhibitor of the NLRP3 inflammasome that targets the NLRP3 protein to effectively reduce IL-1 β release, with an IC ₅₀ of 0.45 μ M. This compound is utilized in the research of inflammatory bowel disease (IBD).
Targets(IC ₅₀)	Others,NOD-like Receptor (NLR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9305 mL	9.6525 mL	19.305 mL
5 mM	0.3861 mL	1.9305 mL	3.861 mL
10 mM	0.1931 mL	0.9653 mL	1.9305 mL
50 mM	0.0386 mL	0.1931 mL	0.3861 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