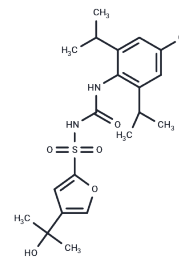


NP3-146

Chemical Properties

CAS No. : 210826-47-4
 Formula: C₂₀H₂₇ClN₂O₅
 Molecular Weight: 442.96
 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	NP3-146 (NLRP3-IN-5) is an inflammasome NLRP3 inhibitor with potential anti-inflammatory activity for the study of autoimmune diseases.
Targets(IC50)	NOD-like Receptor (NLR),NOD

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2575 mL	11.2877 mL	22.5754 mL
5 mM	0.4515 mL	2.2575 mL	4.5151 mL
10 mM	0.2258 mL	1.1288 mL	2.2575 mL
50 mM	0.0452 mL	0.2258 mL	0.4515 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

Luke O'Neill, et al. Sulfonyleureas and related compounds and use of same. WO2016131098A1.
 Santos Nascimento IJD, et al. Molecular Docking and Dynamics Simulations Studies of a Dataset of NLRP3 Inflammasome Inhibitors. Recent Adv Inflamm Allergy Drug Discov. 2022 Jan 26.

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