

NLRP3-IN-49

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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-49 (compound Z48) is a potent and specific inhibitor of NLRP3, displaying IC50 values of 0.26 μ M in THP-1 cells and 0.21 μ M in mouse bone marrow-derived macrophages. It directly binds to the NLRP3 protein with a dissociation constant (Kd) of 1.05 μ M, effectively preventing the assembly and activation of the NLRP3 inflammasome, thereby exhibiting anti-inflammatory properties. NLRP3-IN-49 is utilized in the research of inflammatory bowel disease.
Targets(IC50)	NOD-like Receptor (NLR)

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