

NLRP3-IN-73

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-73 (W16) is an orally bioavailable inhibitor that disrupts the assembly of the NLRP3 inflammasome, exhibiting an IC50 value of 0.18 μ M for the NLRP3/IL-1 β pathway.
Targets(IC50)	NOD-like Receptor (NLR)
In vitro	NLRP3-IN-73 (W16) inhibits the release of IL-1 β in a dose-dependent manner in J774A.1 cells, bone marrow-derived macrophages (BMDMs), and human peripheral blood cells.
In vivo	NLRP3-IN-73 (W16: 7.5 mg/kg, 15 mg/kg, and 30 mg/kg, orally) exhibits significant anti-inflammatory activity in a DSS-induced ulcerative colitis model.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481