

IDR-1018 acetate

Chemical Properties

CAS No. :

Formula: C71H126N26O12.xC2H4O2

Molecular Weight:

Keep away from moisture

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	IDR-1018 acetate is an innate defense regulator conjugate with a minimum inhibitory concentration (MIC) of 16 µg/mL against MRSA USA300 LAC, MRSA SAP 0017, and S. epidermidis ATCC14990. It serves a role in the synthesis of V-IDR1018 (vancomycin-innate defense regulator conjugate).
Targets(IC50)	Antibacterial,Antibiotic,Parasite
In vitro	IDR-1018 acetate modulates the expression of adhesion and activation markers in neutrophils. It is currently the most effective inducer of chemokines and demonstrates both anti-infective and anti-inflammatory properties in mouse models, showing therapeutic efficacy against Plasmodium berghei ANKA cerebral malaria, especially when used in conjunction with standard first-line antimalarial drugs.

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