

DHFR-IN-12

Chemical Properties

CAS No. :

Formula: C₂₈H₂₅N₅O₃

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	DHFR-IN-12 (Compound 5c) is a DHFR inhibitor that demonstrates significant antibacterial properties.
Targets(IC50)	DHFR
In vitro	DHFR-IN-12 (Compound 5c, 521µM) exhibits notable antibacterial activity.
In vivo	DHFR-IN-12 (5% w/v; 3 days) significantly reduces corneal infection in rats. Compared to the MRSA group, the percentage of corneal opacity is notably decreased in the group treated with DHFR-IN-12.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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