

CHIKV nsP2 protease-IN-2

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	CHIKV nsP2 protease-IN-2 (Compound 2o) is an allosteric inhibitor of the non-structural protein 2 helicase (nsP2hel), with IC50 values of 0.5 μ M for nsP2 ATPase and 0.9 μ M for RNA helicase. It exhibits broad-spectrum antiviral activity against alphaviruses, effectively targeting Chikungunya virus (CHIKV), Mayaro virus (MAYV), and Venezuelan equine encephalitis virus (VEEV), with an EC50 of 0.12 μ M against CHIKV-nLuc. This compound is useful for research on alphavirus infections.
Targets(IC50)	Virus Protease

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