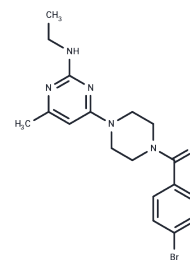


CHIKV-IN-4

Chemical Properties

CAS No. :	1269363-88-3
Formula:	C ₁₈ H ₂₂ BrN ₅ O
Molecular Weight:	404.30
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-IN-4 (compound 31b) acts as a potent and selective inhibitor of the Chikungunya virus, displaying an EC ₅₀ value of 0.6 μM [1].
Targets(IC ₅₀)	Anti-infection

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4734 mL	12.3671 mL	24.7341 mL
5 mM	0.4947 mL	2.4734 mL	4.9468 mL
10 mM	0.2473 mL	1.2367 mL	2.4734 mL
50 mM	0.0495 mL	0.2473 mL	0.4947 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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