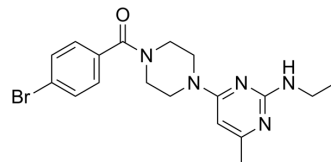


## CHIKV-IN-4

Cat. No.:	HY-163088
CAS No.:	1269363-88-3
Molecular Formula:	C <sub>18</sub> H <sub>22</sub> BrN <sub>5</sub> O
Molecular Weight:	404.3
Target:	Flavivirus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

CHIKV-IN-4 (compound 31b) is a potent and selective CHIKV inhibitor. CHIKV-IN-4 inhibits the Chikungunya virus with the EC<sub>50</sub> value of 0.6 μM<sup>[1]</sup>.

## REFERENCES

[1]. Verena Battisti, et al. Design, synthesis, and lead optimization of piperazinyl-pyrimidine analogues as potent small molecules targeting the viral capping machinery of Chikungunya virus. *Eur J Med Chem.* 2023.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA