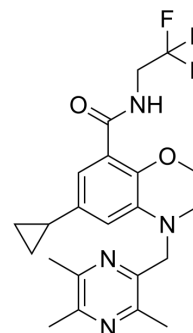


## DprE1-IN-9

Cat. No.:	HY-149581
CAS No.:	2906099-98-5
Molecular Formula:	C <sub>22</sub> H <sub>25</sub> F <sub>3</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	434.45
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

DprE1-IN-9 (compound B18) is an effective reversible DprE1 inhibitor and can bind to the receptor cavity of DprE1. DprE1-IN-9 shows strong antimycobacterial activity not only against non-pathogenic strain H37Ra (MIC=0.18 µg/mL) but also against pathogenic H37Rv and the clinical MDR and XDR isolates<sup>[1]</sup>.

### REFERENCES

[1]. Wang Xiang, et al. Discovery of novel reversible inhibitor of DprE1 based on benzomorpholine for the treatment of tuberculosis. *Microbiol Spectr.* 2023 Sep 12:e0472122.

**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