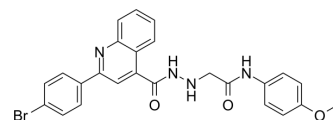


## DNA Gyrase-IN-7

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-149851   |
| CAS No.:           | 2925308-68-3  |
| Molecular Formula: | C <sub>25</sub> H <sub>21</sub> BrN <sub>4</sub> O <sub>3</sub>                           |
| Molecular Weight:  | 505.36  |
| Target:            | DNA/RNA Synthesis; Bacterial  |
| Pathway:           | Cell Cycle/DNA Damage; Anti-infection   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|                           |  |
|---------------------------|--|
| Description               | DNA Gyrase-IN-7 (compound 6d) is a novel Microbial DNA-Gyrase inhibitor <sup>[1]</sup> . |
| IC <sub>50</sub> & Target | DNA-Gyrase <sup>[1]</sup>  |

### REFERENCES

[1]. Abd El-Lateef HM, et al. Design and Synthesis of 2-(4-Bromophenyl)Quinoline-4-Carbohydrazide Derivatives via Molecular Hybridization as Novel Microbial DNA-Gyrase Inhibitors. ACS Omega. 2023 May 11;8(20):17948-17965.

**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