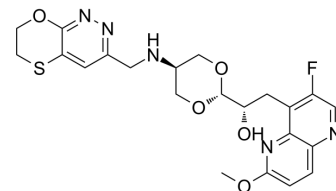


## NBTIs-IN-4

Cat. No.:	HY-132923
CAS No.:	2758890-16-1
Molecular Formula:	C <sub>22</sub> H <sub>24</sub> FN <sub>5</sub> O <sub>5</sub> S
Molecular Weight:	489.52
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

<b>Description</b>	NBTIs-IN-4 demonstrates potent antibacterial activity against diverse Gram-positive pathogens, inhibition of both DNA gyrase and topoisomerase IV, a low frequency of resistance.
--------------------	---

## REFERENCES

[1]. Lu Y, et al. Optimization of TopoIV Potency, ADMET Properties, and hERG Inhibition of 5-Amino-1,3-dioxane-Linked Novel Bacterial Topoisomerase Inhibitors: Identification of a Lead with In Vivo Efficacy against MRSA. *J Med Chem.* 2021 Oct 28;64(20):15214-15249.

**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](mailto:tech@MedChemExpress.com)

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