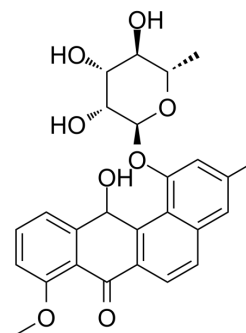


## Saccharothrixin K

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-N10211   |
| CAS No.:           | 1808951-87-2  |
| Molecular Formula: | C <sub>26</sub> H <sub>26</sub> O <sub>8</sub>  |
| Molecular Weight:  | 466.48  |
| Target:            | Bacterial; Endogenous Metabolite  |
| Pathway:           | Anti-infection; Metabolic Enzyme/Protease   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|                           |  |
|---------------------------|--|
| Description               | Saccharothrixin K, a glycosylated saccharothrixin, shows moderate inhibition against <i>Helicobacter pylori</i> G27, <i>H. pylori</i> 159, and <i>Staphylococcus aureus</i> ATCC25923 with MIC values of 16 µg/mL <sup>[1]</sup> . |
| IC <sub>50</sub> & Target | Microbial Metabolite   |

### REFERENCES

[1]. Shen Q, et al. Genome-Guided Discovery of Highly Oxygenated Aromatic Polyketides, Saccharothrixins D-M, from the Rare Marine Actinomycete *Saccharothrix* sp. D09. *J Nat Prod.* 2021 Nov 26;84(11):2875-2884.

**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