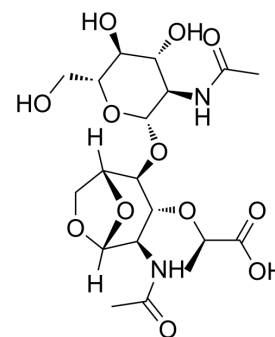


## Antibacterial agent 197

Cat. No.:	HY-163399
CAS No.:	54387-80-3
Molecular Formula:	C <sub>19</sub> H <sub>30</sub> N <sub>2</sub> O <sub>12</sub>
Molecular Weight:	478.45
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antibacterial agent 197 (compound 1-deAA) is a termination inhibitor of non-classical anhydroglycosyl receptors and anhydrowall peptide-type peptidoglycan (PG) in bacterial TGase, with activity against *Staphylococcus aureus*. Antibacterial agent 197 synergizes with Vancomycin (HY-B0671) and is its antibacterial adjuvant<sup>[1]</sup>.

### REFERENCES

[1]. Zhang XL, et al. GlcNAc-1,6-anhydro-MurNAc Moiety Affords Unusual Glycosyl Acceptor that Terminates Peptidoglycan Elongation. *J Am Chem Soc.* 2024 Mar 8.

**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