

## Aurantimycin A

Cat. No.:	HY-P1699
CAS No.:	162478-50-4
Molecular Formula:	C <sub>38</sub> H <sub>64</sub> N <sub>8</sub> O <sub>14</sub>
Molecular Weight:	856.96
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Aurantimycin A (Adipogen), a depsipeptide antibiotic, displays strong activity against Gram-positive bacteria. Aurantimycin A is a substrate of the LieAB transporter<sup>[1][2]</sup>.

### REFERENCES

[1]. U Gräfe, et al. Aurantimycins, new depsipeptide antibiotics from *Streptomyces aurantiacus* IMET 43917. Production, isolation, structure elucidation, and biological activity. *J Antibiot (Tokyo)*. 1995 Feb;48(2):119-25.

[2]. Samuel Hauf, et al. Aurantimycin resistance genes contribute to survival of *Listeria monocytogenes* during life in the environment. *Mol Microbiol*. 2019 Apr;111(4):1009-1024.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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