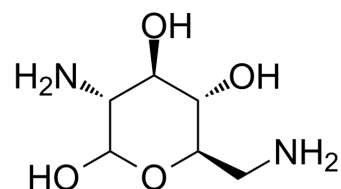


## (5S)-Neosamine C

Cat. No.:	HY-N5158B
CAS No.:	108864-61-5
Molecular Formula:	C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	178.19
Target:	Endogenous Metabolite; Antibiotic
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

(5S)-Neosamine C is an aminocyclic alcohol antibiotic derived from microbial secondary metabolites. (5S)-Neosamine C has a cyclized structure and can be used for biosynthesis of Neomycins (HY-B0470).

### REFERENCES

[1]. Al-Feel W, et al. Mechanism and stereochemistry of the elaboration of the neosamine C ring in the biosynthesis of neomycins[J]. Journal of the Chemical Society, Chemical Communications, 1983 (1): 18-20.

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

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