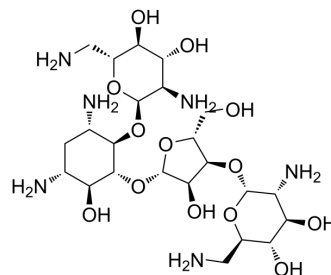


## Neomycin C

Cat. No.:	HY-131130
CAS No.:	66-86-4
Molecular Formula:	C <sub>23</sub> H <sub>46</sub> N <sub>6</sub> O <sub>13</sub>
Molecular Weight:	614.64
Target:	Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Neomycin C a major active isomeric components of the Neomycin complex. Neomycin, is a 2-DOS-containing aminoglycoside, consisting of neomycin A, neomycin B, and neomycin C. Neomycin C is approximately half as active as neomycin B <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	Aminoglycoside

### REFERENCES

- [1]. Huang F, et al. Elaboration of neosamine rings in the biosynthesis of neomycin and butirosin. *Chembiochem*. 2007 Feb 12;8(3):283-8.
- [2]. Neomycin C. PubChem.

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

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