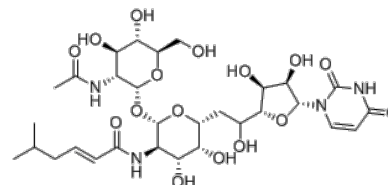


**Product Name** : Tunicamycin  
**Cat. No.** : PC-21959  
**CAS No.** : 11089-65-9  
**Molecular Formula** : C<sub>30</sub>H<sub>46</sub>N<sub>4</sub>O<sub>16</sub>  
**Molecular Weight** : 718.71  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

Tunicamycin is a homologous nucleoside antibiotic and GlcNAc phosphotransferase (GPT) inhibitor, inhibits N-glycosylation and induces ER-stress, inhibits gram-positive bacteria, yeasts, fungi, and viruses and has anti-cancer activity.

## References

Nonarath HJT, et al. J Antibiot (Tokyo). 2024 Jan 18. doi: 10.1038/s41429-023-00694-z.

Hsu JL, et al. Naunyn Schmiedebergs Arch Pharmacol. 2009 Nov;380(5):373-82.

Hou H, et al. Mol Cancer Ther. 2013 Dec;12(12):2874-84.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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