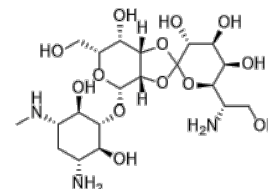


**Product Name** : Hygromycin B  
**Cat. No.** : PC-24308  
**CAS No.** : 31282-04-9  
**Molecular Formula** :  $C_{20}H_{37}N_3O_{13}$   
**Molecular Weight** : 527.52  
**Target** : STAT  
**Solubility** : 10 mM in DMSO



### Biological Activity

Hygromycin B is an aminoglycoside antibiotic active against prokaryotic and eukaryotic cells, also an inhibitor of the STAT3-CCD domain, disrupts the CH13L1-STAT3 interaction, inhibits glioblastoma both in vitro and in vivo.

### References

Yu W, et al. Dev Cell. 2025 Feb 7:S1534-5807(25)00034-6.

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

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