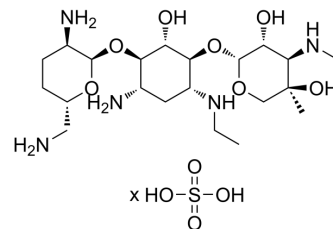


## Etimicin sulfate

<b>Cat. No.:</b>	HY-B0755
<b>CAS No.:</b>	362045-44-1
<b>Molecular Formula:</b>	$C_{21}H_{43}N_5O_7 \cdot xH_2SO_4$
<b>Target:</b>	Antibiotic
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Etimicin (sulfate), a fourth-generation aminoglycoside antibiotic, is now widely clinically used due to its high efficacy and low toxicity.
<b>IC<sub>50</sub> &amp; Target</b>	Aminoglycoside

### REFERENCES

- [1]. Yao L, Zhang JW, Chen B, et al. Mechanisms and pharmacokinetic/pharmacodynamic profiles underlying the low nephrotoxicity and ototoxicity of etimicin. *Acta Pharmacol Sin.* 2020;41(6):866-878.
- [2]. Shao W, Zhong D, Jiang H, et al. A new aminoglycoside etimicin shows low nephrotoxicity and ototoxicity in zebrafish embryos. *J Appl Toxicol.* 2021;41(7):1063-1075.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA