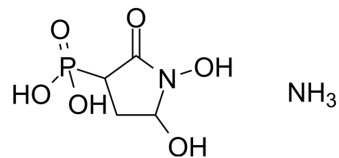


SF2312 ammonium

Cat. No.:	HY-11778B
Molecular Formula:	C ₄ H ₁₁ N ₂ O ₆ P
Molecular Weight:	214.11
Target:	Enolase; Bacterial; Antibiotic
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



BIOLOGICAL ACTIVITY

Description

SF2312 ammonium is the ammonium form of SF2312. SF2312 is a phosphonate antibiotic and enolase inhibitor. SF2312 can be isolated from actinomycete *Micromonospora*, which is active under anaerobic conditions. SF2312 is selectively toxic to ENO1-deleted glioma cells^[1].

REFERENCES

[1]. Leonard PG, et al. SF2312 is a natural phosphonate inhibitor of enolase. *Nat Chem Biol.* 2016 Dec;12(12):1053-1058.

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

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