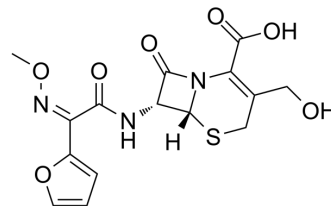


Descarbamoyl cefuroxime

Cat. No.:	HY-135372
CAS No.:	56271-94-4
Molecular Formula:	C ₁₅ H ₁₅ N ₃ O ₇ S
Molecular Weight:	381.36
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Descarbamoyl cefuroxime is a degradation product of Cefuroxime. Descarbamoyl cefuroxime is also an intermediate for the synthesis of Cephalosporin antibiotics^{[1][2]}.

REFERENCES

- [1]. Vercheval C, et al. Stability of 90 mg/mL cefuroxime sodium solution for administration by continuous infusion. *J Chemother.* 2018 Oct - Dec;30(6-8):371-374.
- [2]. Takaya T, et al. Studies on beta-lactam antibiotics. III. Synthesis and enzymatic stability of 3-acyloxymethyl-7 beta-[(Z)-2-(2-amino-4-thiazolyl)-2-(methoxyimino)acetamido]-3-cephem-4-carboxylic acids. *J Antibiot (Tokyo).* 1981 Oct;34(10):1300-10.

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