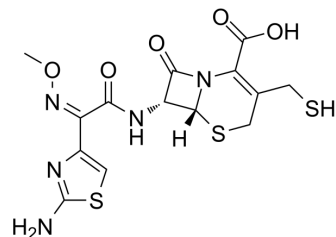


Desfuoylceftiofur

Cat. No.:	HY-126818
CAS No.:	120882-22-6
Molecular Formula:	C ₁₄ H ₁₅ N ₅ O ₅ S ₃
Molecular Weight:	429.49
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Desfuoylceftiofur is an active metabolite of Ceftriaxone which is a broad-spectrum cephalosporin antibiotic. Desfuoylceftiofur is active against gram-positive and gram-negative bacteria^{[1][2]}.

REFERENCES

[1]. Salmon SA, et, al. In vitro activity of ceftiofur and its primary metabolite, desfuoylceftiofur, against organisms of veterinary importance. J Vet Diagn Invest. 1996 Jul;8(3):332-6.

[2]. Feng S, et, al. Determination of ceftiofur metabolite desfuoylceftiofur cysteine disulfide in bovine tissues using liquid chromatography-tandem mass spectrometry as a surrogate marker residue for ceftiofur. J Agric Food Chem. 2014 Jun 4;62(22):5011-9.

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

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