



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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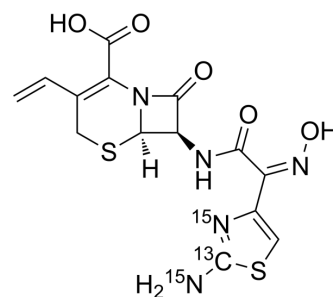
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Cefdinir-¹³C,¹⁵N₂

Cat. No.:	HY-B0136S
Molecular Formula:	C ₁₃ ¹³ CH ₁₃ N ₃ ¹⁵ N ₂ O ₅ S ₂
Molecular Weight:	398.39
Target:	Isotope-Labeled Compounds; Antibiotic; Bacterial
Pathway:	Others; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cefdinir-¹³C,¹⁵N₂ (FK-482-¹³C,¹⁵N₂) is ¹³C and ¹⁵N labeled Cefdinir. Cefdinir (FK-482) is a semi-synthetic, broad-spectrum antibiotic in the third generation of the cephalosporin class, which is proved to be effective for infections caused by several Gram-negative and Gram-positive bacteria. Cefdinir can be used for the research of common bacterial infections of the ear, sinus, throat, and skin^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. Soejima R. Cefdinir. *Jpn J Antibiot*. 1992 Oct;45(10):1239-52.
- [3]. Labro MT, et al. Cefdinir (CI-983), a new oral amino-2-thiazolyl cephalosporin, inhibits human neutrophil myeloperoxidase in the extracellular medium but not the phagolysosome. *J Immunol*. 1994 Mar 1;152(5):2447-55.

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

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