



LKT Laboratories, Inc.

## Cefdinir

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### Product Information

Product ID C167205

CAS No. 91832-40-5

Chemical Name

Synonym BMY-28488, FK-482

Formula  $C_{14}H_{13}N_5O_5S_2$

Formula Wt. 395.4

Melting Point

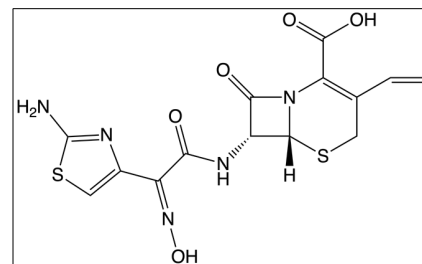
Purity  $\geq 98\%$

Solubility

Store Temp  $-20^{\circ}\text{C}$

Ship Temp Ambient

**Description** Cefdinir is a third-generation cephalosporin shown to accelerate wound healing in a mouse model. It has broad spectrum effectiveness against both gram-positive and gram-negative bacteria.



### Pricing and Availability

*Bulk quantities available upon request*

| Product ID | Size   | List Price |
|------------|--------|------------|
| C167205    | 100 mg | \$65.00    |
| C167205    | 500 mg | \$145.00   |
| C167205    | 1 g    | \$175.00   |

**References** Soleimani Z, Baharifar H, Najmoddin N, et al. Evaluation of carboxymethyl cellulose/gelatin hydrogel-based dressing containing cefdinir for wound healing promotion in animal model. Gels. 2025 Jan 4;11(1):38. PMID: 39852009.

Srivastava S, Thomas T, Howe D, et al. Cefdinir and beta-lactamase inhibitor independent efficacy against Myobacterium tuberculosis. Front Pharmacol. 2021 Jun 7;12:677005. PMID: 34162261.

Cho H, Jee J, Kang J, et al. Cefdinir solid dispersion composed of hydrophilic polymers with enhanced solubility, dissolution, and bioavailability in rats. Molecules. 2017 Feb 13;22(2):280. PMID: 28208830.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.