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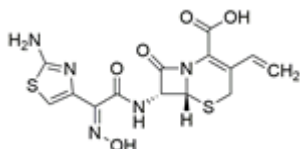
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	38385
Product	Cefdinir syn-7-[2-(2-amino-4-thiazolyl)-2-hydroxyiminoacetamido]-3-vinyl-3-
CAS Number	91832-40-5
Molecular Formula	C ₁₄ H ₁₃ N ₅ O ₅ S ₂
Molecular Weight	395.41

Appearance	White or yellowish crystalline powder
Solubility	To pass test
Heavy Metals	≤ 10 ppm
Water Content (Karl Fisher)	≤ 2%
pH	2.5 - 4.5
Optical Rotation	[α] _D ²⁰ = -58 to -66 °
Infrared Spectrum	Conforms to structure
UV Ratios	Specific absorbance : 570 - 610 nm
Residual Solvents	Tetrahydrofuran : ≤ 0.072% Methylene chloride : ≤ 0.06% Triethylamine : ≤ 0.032% Acetic acid : ≤ 0.5% Ethanol : ≤ 0.5%
Related Substances	Impurity A, E, F, P, Q, R, S, T, U : ≤ 0.5%, Impurity B, C, D, O : ≤ 0.2% Impurities G and H : ≤ 0.07%, Impurities I+J+K+L : ≤ 0.07% Impurities M+N : ≤ 0.07%, Any individual impurity : ≤ 0.2%, Total impurities : ≤ 2.5%
Residue On Ignition	≤ 2%
Assay (anhydrous basis)	≥ 94%
Storage	Store at 2 - 8 °C

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For Laboratory Use Only