

alpha-[[[(2-Amino-4-thiazolyl)(hydroxyimino)acetyl]amino]-1,2,5,7-tetrahydro-5-methyl-7-oxo-4H-Furo[3,4-d][1,3]thiazine-2-acetic Acid Sodium Salt (Mixture of Diastereomers)

Art. ID TRC-A630475-5MG
Unit 5 mg
Deliverydetails No Dangerous Good

Description

Category: Heterocycles, Metabolites and Impurities, Pharmaceuticals, Intermediates and Fine Chemicals, Sulfur and Selenium Compounds, /// Appearance: Light Orange Yellow Solid /// Application Notes: (2(R)-2-[(Z)-2-(2-Aminothiazol-4-yl)-2-(hydroxyimino)acetamido]-2-[(2RS,5RS)-5-methyl-7-oxo-2,4,5,7-tetrahydro-1H-furo[3,4-d][1,3]thiazin-2-yl]acetic Acid is an impurity in the synthesis of Cefdinir (C242670), a Cephalosporin antibiotic structurally similar to Cefixime (C242800). /// References: Kamimura, T., et al.: Antimicrob. Agents Chemother., 25, 98 (1984), Yamanaka, H., et al.: J. Antibiot., 38, 1738 (1985), Guay, D.R.P., et al.: Antimicrob. Agents Chemother., 30, 485 (1986)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	alpha-[[[(2-Amino-4-thiazolyl)(hydroxyimino)acetyl]amino]-1,2,5,7-tetrahydro-5-methyl-7-oxo-4H-Furo[3,4-d][1,3]thiazine-2-acetic Acid Sodium Salt (Mixture of Diastereomers)					