

Analysis Date: 06/04/2021

Re-test Date: 05/04/2023

Cefdinir Sulfoxide
Identification

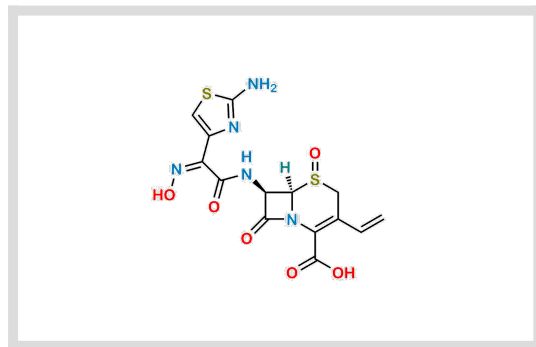
Chemical Name : (6R,7R)-7-((Z)-2-(2-Aminothiazol-4-yl)-2-(hydroxyimino)acetamido)-8-oxo-3-vinyl-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid 5-oxide

CAT No. : SZ-C020013

CAS No. : 934986-48-8

Molecular Formula : C₁₄H₁₃N₅O₆S₂

Molecular Weight : 411.4


Analytical Information

Batch Code	: SRL-302-96	HPLC Purity	: 97.79 %
Solubility	: Buffer:Solution A(1:1)	Mass	: Confirm
Appearance of product	: Off White Solid	IR Analysis	: Confirm
Long Term Storage	: 2-8 °C for long term storage	¹H NMR	: Confirm
Weight Loss By TGA	: 7.00 %		



Additional Information

% Potency = [100 - 7.00 (Wt loss by TGA)] X [97.79 (HPLC Purity)] / 100 = 90.94 %

Solution A: 0.1 % dil.TMAH (10%) adjust pH-5.5 with H₃PO₄ Buffer: 14.2 g/L NaH₂PO₄ + 13.6 g/L KH₂PO₄; pH-7.0 (2:1)

Recommendation : Released



	Department	Signature	Date
Prepared and Reviewed by	Analytical		04/04/2023
Approved By	Quality Control		04/04/2023

Attachments : HPLC, Mass, NMR, IR, TGA

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.