

Analysis Date: 22-05-2025

Re-test Date: 22-05-2028

CEFTAROLINE IMPURITY 19

Identification

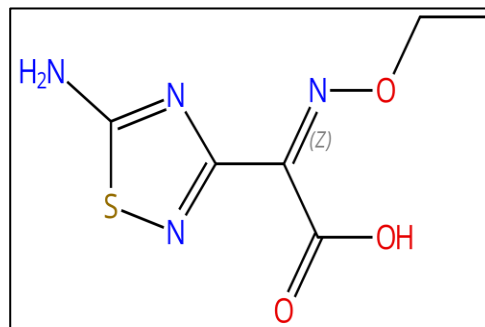
Chemical Name : (Z)-2-(5-Amino-1,2,4-thiadiazol-3-yl)-2-(ethoxyimino)acetic acid

CAT No : ALL-CEF-8249

CAS No : 75028-24-9

Molecular Formula : C₆H₈N₄O₃S

Molecular Weight : 216.2



Analytical Information

Batch Code	: ALL-CEF-8249	HPLC Purity	: 98.09%
Solubility	: MeOH: ACN	Potency	: 97.29%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Content By TGA	: 0.453%	1HNMR	: Confirm
Residue Of Ignition	: 0.362%		

Additional Information

%Potency = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 - (0.453+0.362× 98.09)]/100 = 97.29%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

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

Corporate Office