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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: N-Nitroso Biotin Impurity 1**

#### Identification:

Chemical Name: 5-((3aS,4S,6aR)-3-nitroso-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl)pentanoic acid

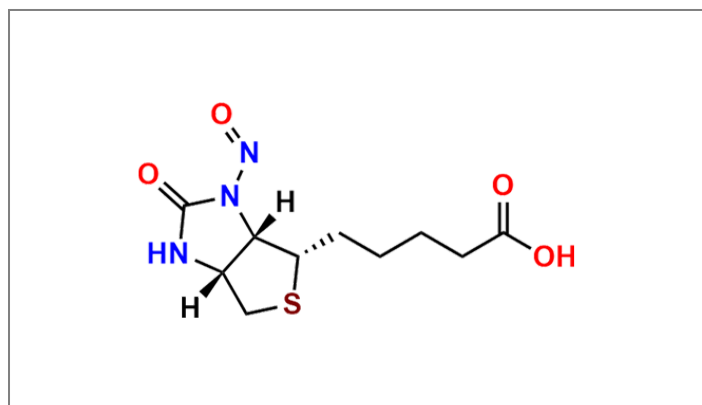
Synonyms : NA

CAS Number : NA

CAT Number : CP-B78018

Molecular Formula : C<sub>10</sub>H<sub>15</sub>N<sub>3</sub>O<sub>4</sub>S

Molecular Weight : 273.31



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.