CERTIFICATE OF ANALYSIS

(Certificate No. KMB002022-02)

Release Date: 26/04/2025 **Re-test Date:** 25/04/2028

1'N-NITROSOBIOTIN

Identification

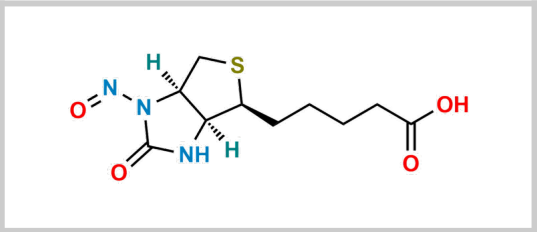
Chemical Name :
5-((3aS,4S,6aR)-1-nitroso-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl)pentanoic acid

CAT No. : KMB002022

CAS No. : 56859-26-8

Molecular Formula : C10H15N3O4S

Molecular Weight : 273.3



Analytical Information

Batch No.	: B002022-091-359	**Solubility**	: ACN : Water (1:1)
Description	: Light Brown Solid	**Mass**	: Confirm
HPLC Purity	: 96.48 %	**IR**	: Confirm
Weight Loss By TGA	: 0.46 %	**1H NMR**	: Confirm
% Potency	: 96.04 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.46(Weight Loss By TGA)] x [96.48(HPLC Purity)]/100 = 96.04 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		18/07/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA