

CERTIFICATE OF ANALYSIS

(Certificate No. KMF006041-01)

Release Date: 24/12/2024

Re-test Date: 23/12/2027

N10-NITROSOFOLIC ACID

Identification

Chemical Name :

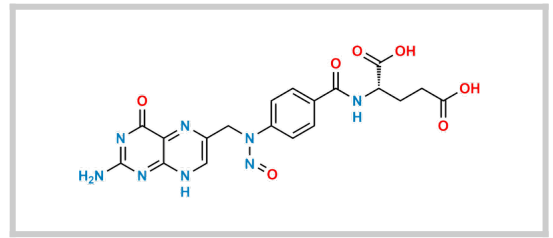
(4-(((2-Amino-4-oxo-4,8-dihydropteridin-6-yl)methyl)(nitroso)amino)benzoyl)-L-glutamic acid

CAT No. : KMF006041

CAS No. : 26360-21-4

Molecular Formula : C19H18N8O7

Molecular Weight : 470.4



Analytical Information

Batch No. : F006041-091-099

Description : Brown Solid

HPLC Purity : 92.13 %

Weight Loss By TGA : 0.18 %

% Potency : 91.96 %

Solubility : DMSO

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 = $[100 - 0.18(\text{Weight Loss By TGA})] \times [92.13(\text{HPLC Purity})]/100 = 91.96 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		24/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		24/12/2024

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