

CERTIFICATE OF ANALYSIS

(Certificate No. KMF006043-01)

Release Date: 08/07/2025

Re-test Date: 07/07/2028

Nitroso L-MTHF-I

Identification

Chemical Name :

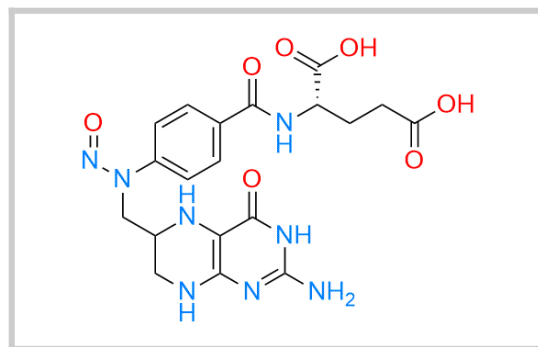
(4-(((2-amino-4-oxo-3,4,5,6,7,8-hexahydropteridin-6-yl)methyl)(nitroso)amino)benzoyl)-L-glutamic acid

CAT No. : KMF006043

CAS No. : Not Available

Molecular Formula : C₁₉H₂₂N₈O₇

Molecular Weight : 474.43



Analytical Information

Batch No. : F006043-102-098

Description : Light Brown Solid

HPLC Purity : 86.62 %

Weight Loss By TGA : 0.77 %

% Potency : 85.95 %

Solubility : DMSO

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

D₂O Exchange : Confirm

DEPT 135 : Confirm

Additional Information

Long Term Storage : Store at -20 degree in dark (Light Sensitive)

Shipping Condition : Product is stable to be shipped at 2-8 deg. C

% Potency = [100 - 0.77(Weight Loss By TGA)] x [86.62(HPLC Purity)]/100 = 85.95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		10/07/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, D₂OExchange, DEPT 135, IR and TGA