CERTIFICATE OF ANALYSIS

(Certificate No. KMF006043-01)

Release Date: 08/07/2025 **Re-test Date:** 07/07/2028

Nitroso L-MTHF-I

Identification

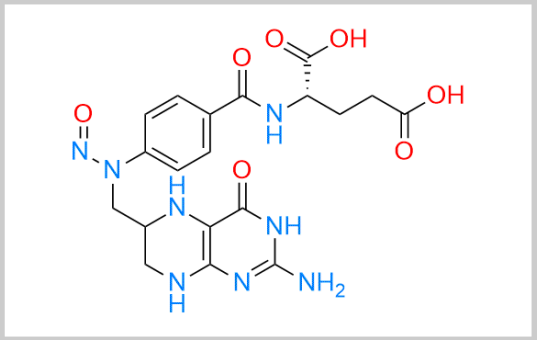
Chemical Name :
(4-(((2-amino-4-oxo-3,4,5,6,7,8-hexahydropteridin-6-yl)methyl)(nitroso)amino)benzoyl)-L-glutamic acid

CAT No. : KMF006043

CAS No. : Not Available

Molecular Formula : C19H22N8O7

Molecular Weight : 474.43



Analytical Information

Batch No.	: F006043-102-098	**Solubility**	: DMSO
Description	: Light Brown Solid	**Mass**	: Confirm
HPLC Purity	: 86.62 %	**IR**	: Confirm
Weight Loss By TGA	: 0.77 %	**1H NMR**	: Confirm
% Potency	: 85.95 %	**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