CERTIFICATE OF ANALYSIS

(Certificate No. KMF006044-02)

Release Date: 02/09/2025 **Re-test Date:** 01/09/2028

Nitroso L-MTHF

Identification

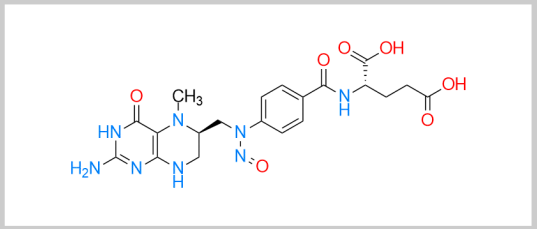
Chemical Name :
(4-(((2-amino-8-methyl-4-oxo-3,4,5,6,7,8-hexahydropteridin-6-yl)methyl)(nitroso)amino)benzoyl)-L-glutamic acid

CAT No. : KMF006044

CAS No. : Not Available

Molecular Formula : C20H24N8O7

Molecular Weight : 488.45



Analytical Information

Batch No.	: F006044-102-254	**Solubility**	: Water
Description	: Light Brown Solid	**Mass**	: Confirm
HPLC Purity	: 96.01 %	**IR**	: Confirm
Weight Loss By TGA	: 4.59 %	**1H NMR**	: Confirm
% Potency	: 91.6 %	**13C NMR**	: Confirm
		D2O Exchange	: Confirm
		15N HMBC	: 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 - 4.59(Weight Loss By TGA)] x [96.01(HPLC Purity)]/100 = 91.6 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		02/09/2025
Reviewed & Approved By	Quality Control	Jatin Patel		02/09/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR ,D2O EXCHANGE, TGA ,13C NMR and 15N HMBC