

CERTIFICATE OF ANALYSIS

(Certificate No. KMD026001-01)

Release Date: 10/07/2024

Re-test Date: 09/07/2027

Nitroso Dipyridamole Related Compound D

Identification

Chemical Name :

N-(6-(bis(2-hydroxyethyl)amino)-4,8-di(piperidin-1-yl)pyrimido[5,4-d]pyrimidin-2-yl)-N-(2-hydroxyethyl)nitrous amide

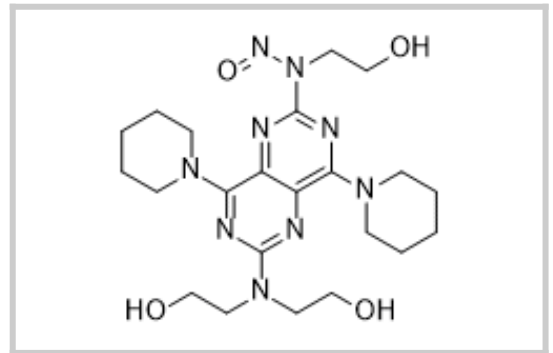
Alt. Name : N-Nitroso Dipyridamole USP Related Compound D

CAT No. : KMD026001

CAS No. : Not Available

Molecular Formula : C22H35N9O4

Molecular Weight : 489.57



Analytical Information

Batch No. : DIP-RCD-NO-073-178

Description : Yellow Solid

HPLC Purity : 98.21 %

Weight Loss By TGA : 0.61 %

% Potency : 97.61 %

Solubility : ACN

Mass : Confirm

IR : Confirm

1H NMR : Confirm

13C 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 = $[100 - 0.61(\text{Weight Loss By TGA})] \times [98.21(\text{HPLC Purity})]/100 = 97.61 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/07/2024

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