



1. Identification

Catalogue Number

A263600

Lot Number

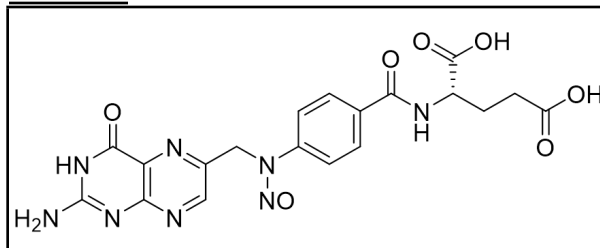
16-NZZ-17-5

Product Name

(4-(((2-Amino-4-oxo-3,4-dihydropteridin-6-yl)methyl)(nitroso)amino)benzoyl)-L-glutamic Acid

Synonyms

NSC 302973; Nitrosofolic Acid

StructureCAS Number

26360-21-4

Solubility

Aqueous Base (Slightly), DMSO (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{19}H_{18}N_8O_7$ Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

470.4

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Off-White to Dark Yellow Solid	Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 44.88, %H: 4.40, %N: 22.22
HPLC Purity	>95%	98.19% (280 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+12.4° (c = 0.5, 0.1N NaOH)

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			11/7/2024	11/5/2028
Farnaz Mahmoudi	Toni Rantanen	Christina Gouliaras		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		