



CERTIFICATE OF ANALYSIS

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1. Identification

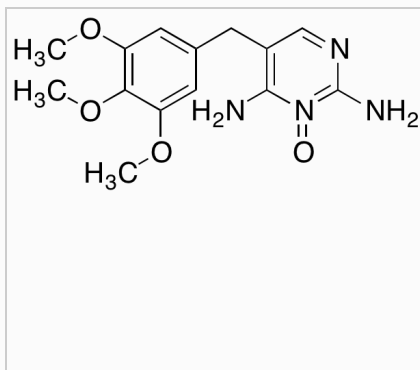
Catalogue Number: T797545

CAS Number: 27653-67-4

Product: Trimethoprim 3-N-Oxide

Synonym: Trimethoprim 3-oxide; 2,4-Diamino-5-(3,4,5-trimethoxybenzyl)pyrimidine 3-Oxide

Structure:



Molecular Formula:

C₁₄H₁₈N₄O₄

Molecular weight:

306.32

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 7-DRR-152-2

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
NMR	Conforms to Structure	Conforms
Appearance	Yellow to Beige Solid	Yellow to Beige Solid
Elemental Analysis	Conforms	%C: 48.89, %H: 6.40, %N: 16.10
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.20% (205 nm)
Water Content	Report Result	~9.2% based on Elemental Analysis

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

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Chanell Chu	4/6/2022	4/4/2026