



CERTIFICATE OF ANALYSIS

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1. Identification

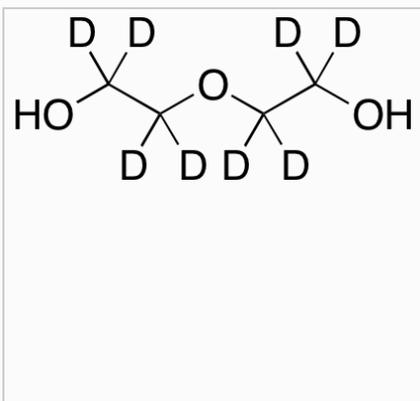
Catalogue Number: D444287

CAS Number: 102867-56-1

Product: Diethylene Glycol-d8

Synonym: 1,5-Dihydroxy-3-oxapentane-d8; 2-Hydroxyethoxyethanol-d8; 3-Oxapentamethylene-1,5-diol-d8; 3-Oxapentane-1,5-diol-d8; Ethylene Diglycol-d8; NSC 36391-d8

Structure:



Molecular Formula:

C₄H₂D₈O₃

Molecular weight:

114.17

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: 36-MJC-150-1

Purity: 98%

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

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Very Dark Brown Oil	Clear Colourless to Pale Brown Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 42.65, %H: 8.88
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.7% (d0 = 0.00%)
GC	Report Result	98.06%

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 ± 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	2/4/2022	2/2/2026

