

Certificate of Analysis

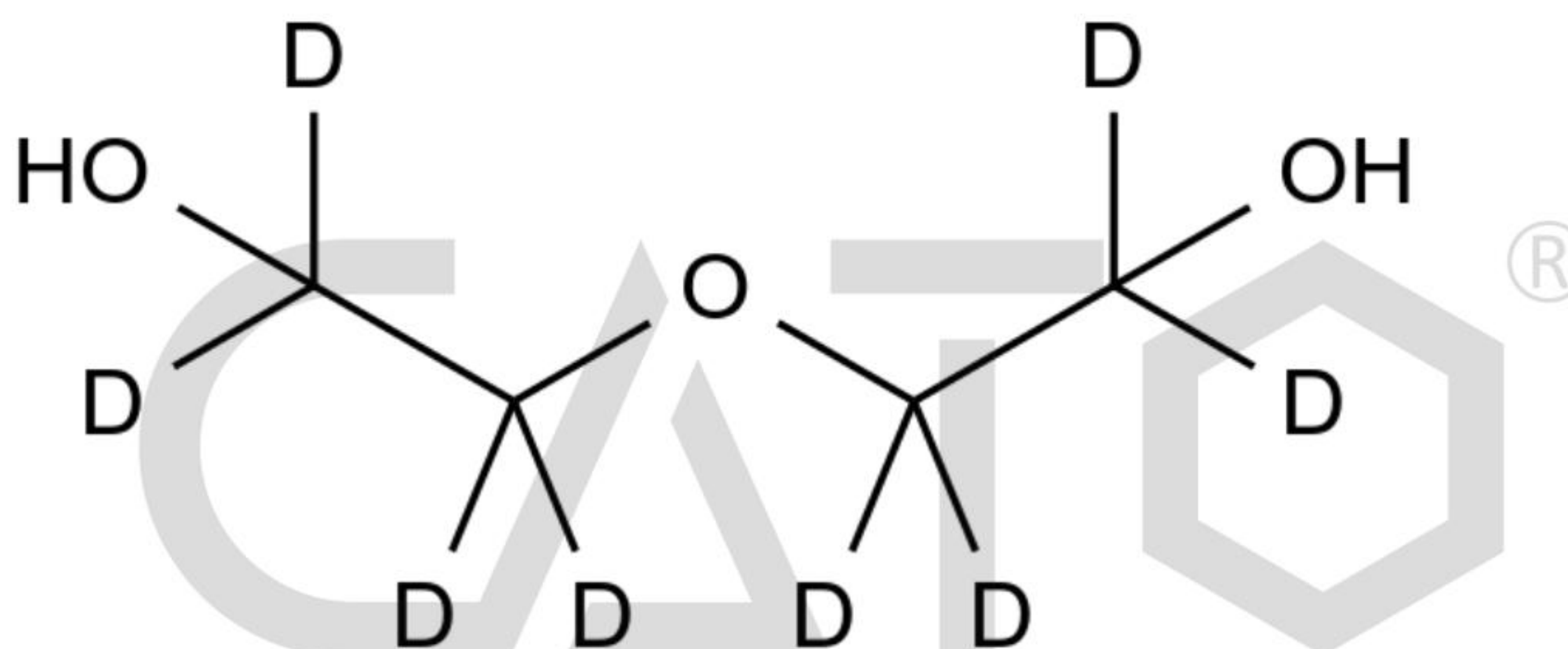
Reference Material & Standard

Product Name:	Diethylene Glycol-d8	Catalogue Number:	C1025211
Synonyms:	N/A	Lot Number:	1208-RG-0091
CAS Number:	102867-56-1	Expiry Date:	Jan 22, 2029
Molecular Formula:	C ₄ H ₂ D ₈ O ₃	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	114.17	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Clear Colourless Oil
Identification	LCMS&HNMR	Confirmed
Chemical Purity	GC	98.2%
Isotopic Purity		99.7%
Uncertainty		±0.4%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Dec 10, 2025

Date: Dec 10, 2025

Date: Dec 10, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

