



CERTIFICATE OF ANALYSIS

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1. Identification

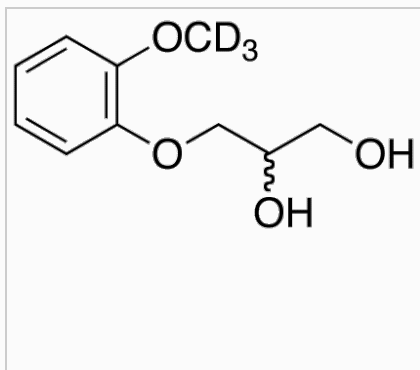
Catalogue Number: G810502

CAS Number: 1189924-85-3

Product: rac Guaifenesin-d3

Synonym: 3-(o-Methoxyphenoxy)-1,2-propanediol-d3, Guaiaicol Glyceryl Ether-D3; Robitussin-d3

Structure:



Molecular Formula:

C₁₀H₁₁D₃O₄

Molecular weight:

201.23

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 3-EQJ-70-3

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	White Solid	White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.6%
Elemental Analysis	Conforms	%C: 59.78, %H: 7.11
HPLC Purity	Report Result	99.57% (225 nm)

Additional Information: Normalized Intensity: d0 = 0.37%, d1 = 0.03%, d2 = 0.00%, d3 = 99.60%

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	Christina Gouliaras	1/12/2023	1/10/2030