



CERTIFICATE OF ANALYSIS

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1. Identification

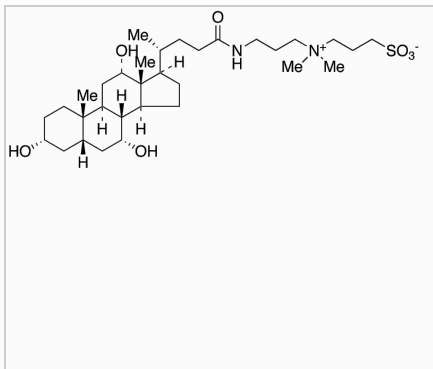
Catalogue Number: C292500

CAS Number: 75621-03-3

Product: 3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfonate

Synonym: N,N-Dimethyl-N-(3-sulfopropyl)-3-[[3 α ,5 β ,7 α ,12 α]-3,7,12-trihydroxy-

Structure:



Molecular Formula:

C₃₂H₅₈N₂O₇S

Molecular weight:

614.88

Source of Product:

Synthetic

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 1-BEM-141-1

Purity: 97%

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 to Off-White Solid	White Solid
Melting Point	>225°C	256 - 261°C
H NMR	Conforms to structure	Conforms
Elemental Analysis	Conforms	%C: 61.49, %H: 9.64, %N: 5.06
MS	Conforms to structure	Conforms
Specific Rotation	Report Result	+15.7° (c = 0.4, Water)

Additional Information:

TLC Conditions: C18; Isopropanol : Water = 1 : 1; Visualized with AMCS and KMnO₄; Single Spot, R_f = 0.45. 1H NMR and MS conform to structure. Elemental Analysis: (Found) %C: 61.49, %H: 9.64, %N: 5.06; (Calculated) %C: 62.51, %H: 9.51, %N: 4.56. Specific Rotation: +15.7° (c = 0.4, Water). Contains: 1.5% DMF

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
Eric Beaton	Xue Jing Zheng		7/31/2018	7/29/2028

EB

XJZ