



CERTIFICATE OF ANALYSIS

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1. Identification

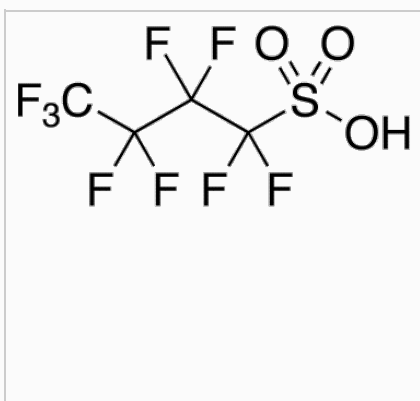
Catalogue Number: N649325

CAS Number: 375-73-5

Product: Nonafluoro-1-butanesulfonic Acid

Synonym: 1,1,2,2,3,3,4,4,4-Nonafluoro-1-butanesulfonic Acid; 1-Perfluorobutanesulfonic Acid; Nonafluorobutanesulfonic Acid; Perfluorobutanesulfonic Acid; PFBS

Structure:



Molecular Formula:

C₄HF₉O₃S

Molecular weight:

300.1

Source of Product:

N/A

Solubility:

Acetonitrile (Slightly), DMSO (Sparingly), Methanol (Slightly)

Lot Number: 1-KMS-117-1

Purity: 98%

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
MS	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Appearance	Colourless to Off-White Oil to Solid	Clear Colourless Oil with Off-White Semi-Solid to Solid

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
Nicole Yip	Toni Rantanen	Chanell Chu	10/19/2021	10/17/2025