



1. Identification

Catalogue Number

S225085

Lot Number

712213798-1-1

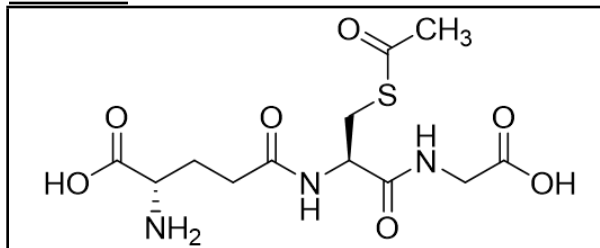
Product Name

S-Acetyl-L-glutathione

Synonyms

(2S)-5-({(1R)-1-[(Acetylsulfanyl)methyl]-2-[(carboxymethyl)amino]-2-oxoethyl}amino)-2-amino-5-oxopentanoic Acid

Structure



CAS Number

3054-47-5

Solubility

DMSO (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₂H₁₉N₃O₇S

Source of Product

N/A

Long Term Storage Conditions

4°C, No Data Available

Molecular Weight

349.36

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Beige Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 40.86, %H: 5.35, %N: 11.83
HPLC Purity	>95%	99.81% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-25.5° (c = 0.2, Water)

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			4/23/2025	4/21/2029
Vijaya Annapareddy Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Christina Gouliaras Quality Assurance Associate		