



1. Identification

Catalogue Number

P335605

Lot Number

2-NSR-88-5

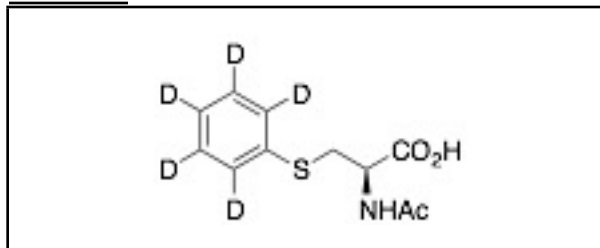
Product Name

S-Phenyl-d5-mercaptopuric Acid

Synonyms

N-Acetyl-S-phenyl-d5-L-cysteine;

Structure



CAS Number

N/A

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₁H₈D₅NO₃S

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

244.32

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Off-White to Brown Solid	Light Orange to Orange Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 53.72, %H: 5.32, %N: 5.72
HPLC Purity	>95%	96.27% (205 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.8%

Additional Information

Normalized Intensity: d₀ = 0.03%, d₁ = 0.00%, d₂ = 0.01%, d₃ = 0.31%, d₄ = 0.00%, d₅ = 99.65%

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

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

6/21/2024

Retest Date

6/19/2028