



CERTIFICATE OF ANALYSIS

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1. Identification

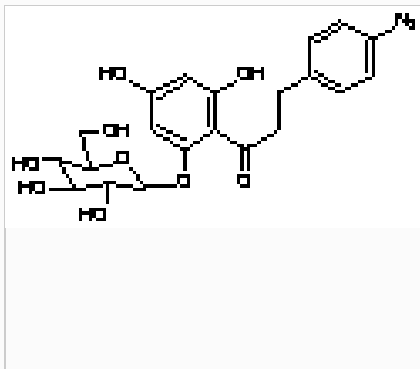
Catalogue Number: A925000

CAS Number: 79541-46-1

Product: 4-Azidophlorizin

Synonym: 3-(4-Azidophenyl)-1-[2-(β-D-glucopyranosyloxy)-4,6-dihydroxyphenyl]-1-propanone;

Structure:



Molecular Formula:

C₂₁H₂₃N₃O₉

Molecular weight:

461.42

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly, Sonicated)

Lot Number: 8-CSZ-12-1

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	Off-White to Orange Solid	Off-White to Pale Beige Solid
FT-IR	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-37.4° (c = 0.1, Methanol)
HPLC Purity	Report Result	97.37% (285 nm)

Additional Information: Contains: ~1.3% Dichloromethane

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
Nicole Yip	Toni Rantanen	Chanell Chu	10/5/2021	10/3/2025