



CERTIFICATE OF ANALYSIS

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1. Identification

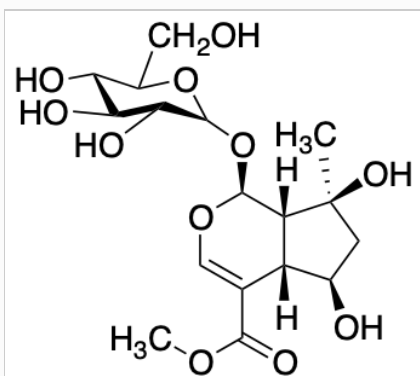
Catalogue Number: S282390

CAS Number: 64421-28-9

Product: Shanzhiside Methyl Ester

Synonym: Sanshiside Methyl Ester; Shanzhizide Methyl Ester; Shanziside Methyl Ester; [1S-(1?,4a?,5?,7?,7a?)]-1-(?-D-Glucopyranosyloxy)-1,4a,5,6,7,7a-hexahydro-5,7-dihydroxy-7-methyl-cyclopenta[c]pyran-4-carboxylic Acid Methyl Ester;

Structure:



Molecular Formula:

C₁₇H₂₆O₁₁

Molecular weight:

406.38

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 1-CLI-184-1

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	Pale Yellow to Pale Beige Solid	Pale Yellow to Pale Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 48.07, %H: 6.94
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-126.3° (c = 0.1, Methanol)
Water Content	Report Result	~4.2% based on Elemental Analysis

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

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Chanell Chu	7/21/2022	7/19/2026