



CERTIFICATE OF ANALYSIS

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1. Identification

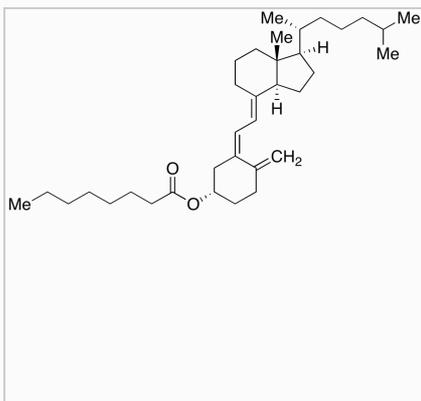
Catalogue Number: V676105

CAS Number: 927822-16-0

Product: Vitamin D3 Octanoate (90%)

Synonym: Octanoic Acid (1S,3Z)-3-[(2E)-2-[(1R,3aS,7aR)-1-[(1R)-1,5-Dimethylhexyl]octahydro-7a-methyl-4H-inden-4-ylidene]ethylidene]-4-methylenecyclohexyl Ester;

Structure:



Molecular Formula:

C₃₅H₅₈O₂

Molecular weight:

510.83

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: 2-KYM-82-5

Purity: 90%

Shipping Condition: This Product Is Stable To Be Shipped With Dry Ice

Storage Condition: -86°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Pale Yellow Thick Oil	Clear Colourless Thick Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 82.33, %H: 11.48
Specific Rotation	Report Result	+30.8° (c = 0.2, Chloroform)

Additional Information: Contains: ~1.6% Ethyl Acetate

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
Swathi Reddy	Toni Rantanen	Chanell Chu	12/1/2022	11/29/2026