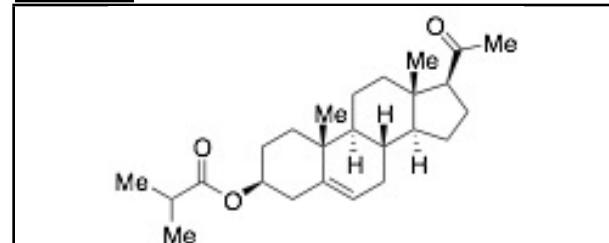


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number P712250 Lot Number 1-MJK-42-2

Product Name
Pregnenolone-3-isobutyrate

StructureSynonyms

(3S,8S,9S,10R,13S,14S,17S)-17-Acetyl-10,13-dimethyl-2,3,4,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthren-3-yl isobutyrate

CAS Number

N/A Solubility
Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₅H₃₈O₃ Source of Product
Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

386.58 Purity
>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	99.77% (200 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+16.8° (c = 0.5, Chloroform)

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 $\pm 2\%$. 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>
			12/3/2021	12/1/2025

Henry Tieu
Product Quality Specialist

Toni Rantanen
Manager, Quality Assurance

Chanell Chu
Jr. Quality Assurance