



# Certificate of analysis

Product name: 7-Dehydrocholesterol

Cas number: 434-16-2

Molecular Formula:  $C_{27}H_{44}O$

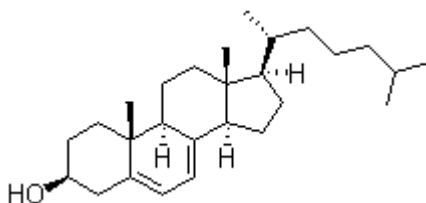
Molecular Weight: 384.64

Date of production: Jan. 22, 2019

Batch No: 20190122

Exp Date: Jan. 21, 2021

Chemical structure:



Items	Specifications	Results
Appearance	Off- white powder	Complies
Specific Rotation	$-105^{\circ} \sim -115^{\circ}$	Complies
Loss On Drying	$\leq 5.00\%$	2.2 %
Melting point	$135.0 \sim 145.0^{\circ}C$	$137.9 \sim 139.2^{\circ}C$
Puirty	$\geq 85\%$	87.3%

**Conclusion: It complies with the Enterprise Standard.**

Analyst: Zhao

Checker: Liu

Q.C Director: Fang F

