

CERTIFICATE OF ANALYSIS

Cholesterol

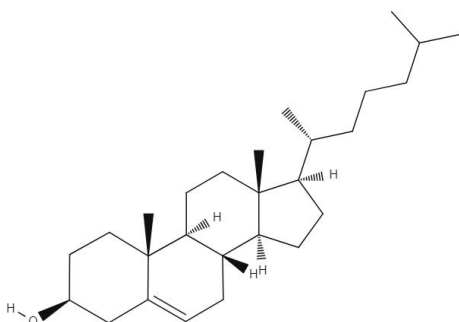
Cat #: orb1310316

PRODUCT INFORMATION

Chemical Name: Cholesterol
Cat. Number: orb1310316
CAS Number: 57-88-5
Batch Number: R1303
Inspection Date: 2023-05-09

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₇H₄₆O
Molecular Weight: 386.664
Appearance: Liquid
Storage: store at low temperature
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



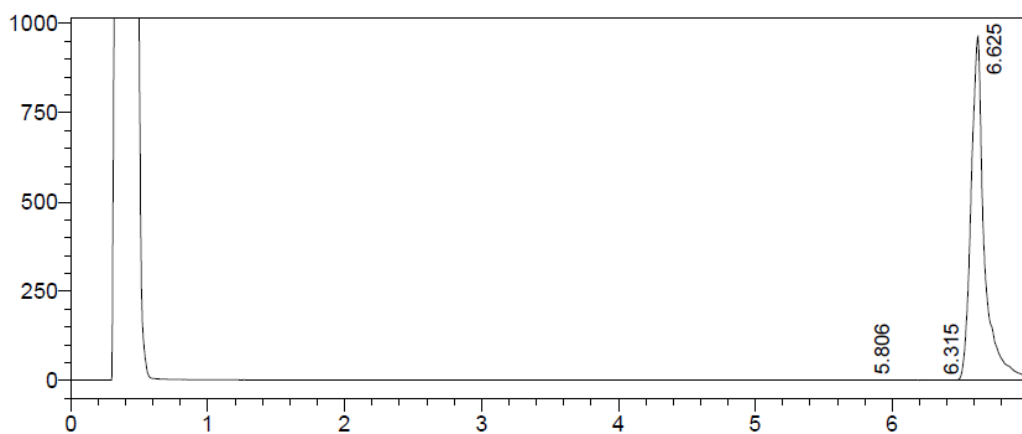
ANALYTICAL DATA

HPLC: **Consistent with structure**
 Sample Name: 226673
 Method Filename: F0.6-2 ELSD.lcm
 Batch Filename: 7.lcb
 Vial #: 1-80
 Injection Volume: 50 uL
 Date Acquired: 2023/2/10 14:20:17
 Acquired by: System Administrator
 FLOW RATE: 0.6ml/min
 COLUMNM: ACE C18 50*2.1 2um
 COLUMNM TEMPERATURE: 30
 GRADIENT PROGRAMME:

TIME(MIN)	MOBILE PHASE-A(H ₂ O+0.1TFA)	MOBILE PHASE-B(CH ₃ CN+0.1TFA)
0	95%	5%
6	0%	100%
8	0%	100%

<Chromatogram>

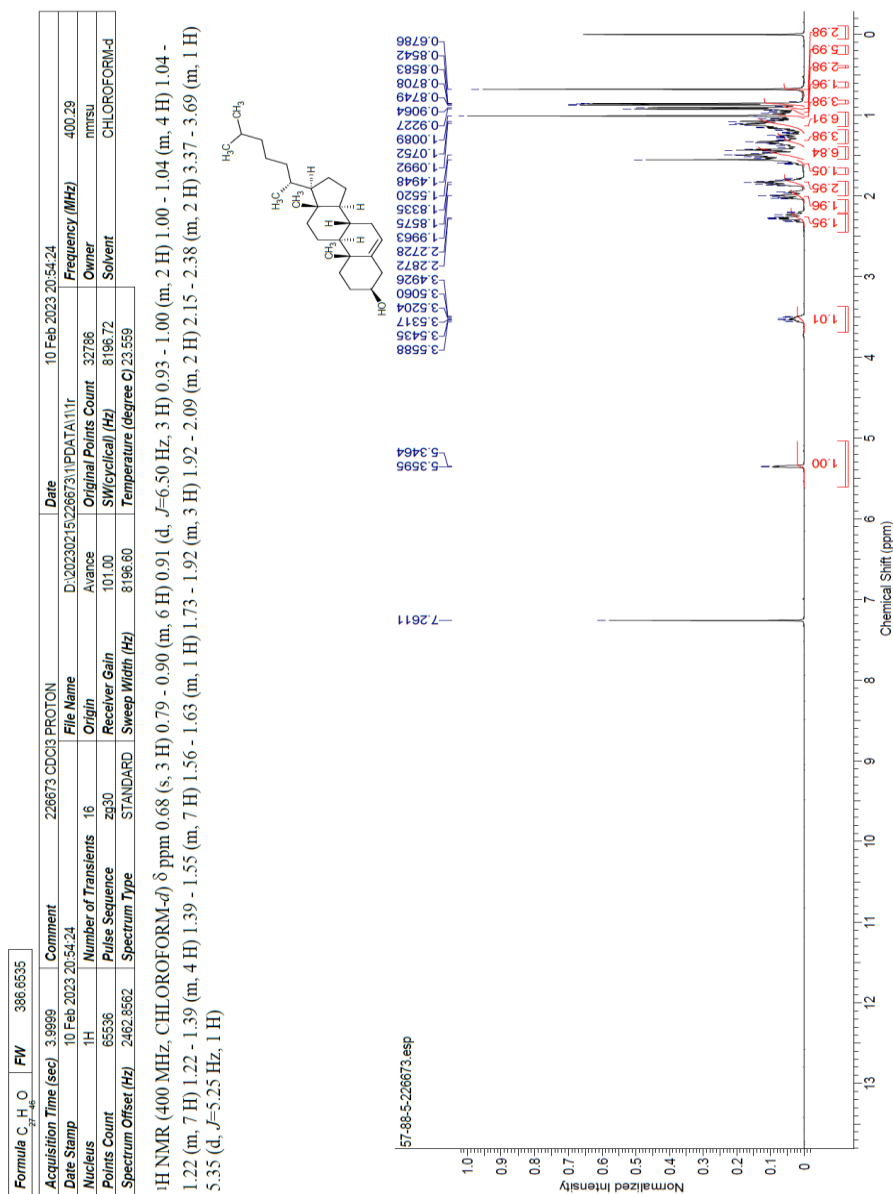
mV



<Peak Table> AD2

Peak#	Ret. Time	Area	Height	Area%
1	5.806	1421	340	0.022
2	6.315	252	151	0.004
3	6.625	6568289	958928	99.945
4	7.491	1967	1158	0.030
Total		6571928	960577	100.000

HNMR: Consistent with structure



Purity: 97.74%

Conclusion: The product has been tested and meets the given quality standards.

Inhibitor Natural Products; Compound Libraries

Products are chemical reagents for research use only and are not intended for human use. We do not sell to patients.