



Certificate of analysis

Product name: Brexanolone

Cas number: 516-54-1

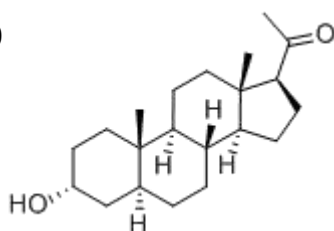
Molecular Formula: C₂₁H₃₄O₂

Molecular Weight: 318.49

Date of production: Mar. 28, 2020

Batch NO: 20200328

Exp Date: Mar. 27, 2022



Chemical structure:

Items	Specifications	Results
Appearance	White to light yellow crystalline powde	Conforms
Identification	IR, NMR HPLC	Conforms
Specific rotation	+90.0°~+110.0°	+102.2°
Loss on Drying	≤1.0%	0.24%
Residue on Ignition	≤0.1%	0.05%
Related Substance	Individual Impurity: ≤0.5% Total Impurities: ≤ 1.0%	0.21% 0.52%
Heavy metal	≤20PPM	Conforms
Assay	≥ 99.0%	99.19%

Conclusion: It complies with the Enterprise Standard.