

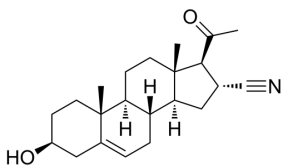
## Pregnenolone 16 $\alpha$ -carbonitrile

Cat. No.: HY-131723  
CAS No.: 1434-54-4  
Batch No.: 276615  
Chemical Name: Pregn-5-ene-16-carbonitrile, 3-hydroxy-20-oxo-, (3 $\beta$ ,16 $\alpha$ )-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>22</sub>H<sub>31</sub>NO<sub>2</sub>  
Molecular Weight: 341.49  
Storage: Powder -20°C 3 years  
In solvent -80°C 6 months  
-20°C 1 month

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 98.48%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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