

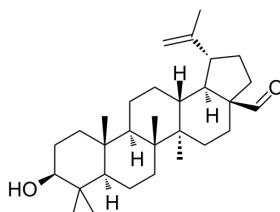
## Betulinaldehyde

Cat. No.: HY-N0084  
CAS No.: 13159-28-9  
Batch No.: 18302  
Chemical Name: Lup-20(29)-en-28-al, 3-hydroxy-, (3 $\beta$ )-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>30</sub>H<sub>48</sub>O<sub>2</sub>  
Molecular Weight: 440.70  
Storage: Powder      -20°C    3 years  
                                  4°C      2 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  
Purity (HPLC): 98.56%  
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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