

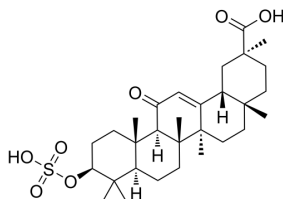
## 18 $\beta$ -Glycyrrhetyl-3-O-sulfate

Cat. No.: HY-148682  
CAS No.: 10251-38-4  
Batch No.: 344918  
Chemical Name: Olean-12-en-29-oic acid, 11-oxo-3-(sulfooxy)-, (3 $\beta$ ,20 $\beta$ )-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>30</sub>H<sub>46</sub>O<sub>7</sub>S  
Molecular Weight: 550.75  
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  
MS: Consistent with structure  
Purity (HPLC): 98.01%  
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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