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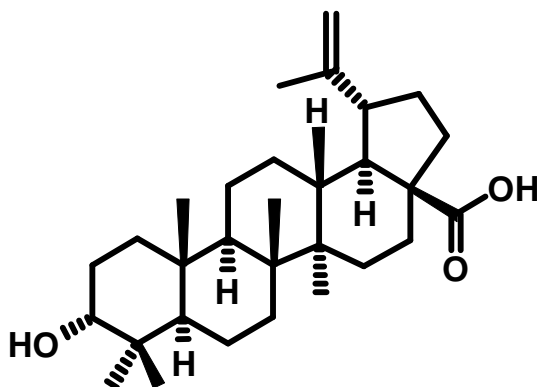
## Product Specifications

### 3 $\alpha$ -Betulinic Acid

CAS 38736-77-5

Syn: Epibetulinic Acid; 3-epi-Betulinic Acid; 3 $\alpha$ -Hydroxylup-20(29)-en-28-oic Acid

Structure:



Mol. Formula  
Source

$C_{30}H_{48}O_3$   
*Betula pendula* (Silver Birch bark)

Mol. Wt.

456.7

<i>Test</i>	<i>Specification</i>
Identity	NMR
Appearance	White microcryst. powder
Mp	278-281 °C; 316-318 °C [Lit.]
Assay (hplc)	≥ 98 %
Sp. Rot., [ $\alpha$ ] <sub>D</sub>	- 9° (c=0.1, CHCl <sub>3</sub> ) [Lit.]
LOD	< 1%
Ash (residue on ignition)	< 0.2%
Heavy metals	< 10 ppm

Storage: Maintain in cool, dry, dark containment