



DATA SHEET

BETULIN

REF:0018 S

<u>C.A.S. Number</u>	: [473-98-3]
<u>Chemical family</u>	: Triterpenoïds
<u>Empirical formula</u>	: C ₃₀ H ₅₀ O ₂
<u>Mw</u>	: 442.7
<u>Appearance</u>	: White powder
<u>Melting point</u>	: 251-252°C
<u>Thin layer chromatography</u>	: on silicagel
-Solvent	: chloroform/methanol (97/3 V/V)
-Detection	: p-anisaldehyde/acetic sulfuric acid (1/40/1 V/V/V) 10min at 110°C
-Main spot/Rf	: Rf=0.73
<u>Specific rotation</u>	: $[\alpha]_D^{20} = +19^\circ$ (c=2 in pyridine)