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Technical data sheet of Madecassic acid

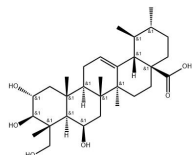
Product name: Madecassic acid

Other product name: Hydroxycentella glycoside

Cas No.: 18449-41-7

Molecular formula: C₃₀H₄₈O₆

Molecular weight: 504.71



Molecular structure:

Specification:

Item	Standard
Appearance	powder
Assay	98%
Loss on Drying	≤2.0%
Melting point	270°C (dec.)
Boiling point	641.7±55.0 °C(Predicted)
Density	1.23±0.1 g/cm ³ (Predicted)
Storage conditions	2-8°C

Packing: 25kgs/drum, 9tons/20' container, 25kgs/bag, 20tons/20' container

Application:

Madecassic Acid is a terpenoid with an ursane skeleton isolated from *Centella asiatica*.

Madecassic Acid displays anti-inflammatory properties as a result of iNOS, COX-2, TNF-alpha, IL-1beta, and IL-6 inhibition via the downregulation of NF-kappaB activation in RAW 264.7 macrophage cells.

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