

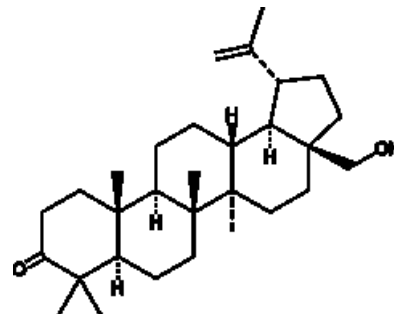


3-Oxobetulin

Cat No: 33066 - 1 mg

General Data

Shipping:	dry ice
Formulation:	A crystalline solid
Purity:	≥95%



Product Overview

3-Oxobetulin is a pentacyclic triterpenoid and derivative of betulinic acid (Item No. 11686) that has been found in *I. macropoda* and has diverse biological activities.^{60301,60302,60303} It is active against the plant pathogenic fungi *L. betulina* and *L. sulphureus* when used at a concentration of 30 µg/ml.^{60302} 3-Oxobetulin reduces HIV-1 replication in MT-2 cells (IC₅₀ = 4.1 µM) with a 50% cytotoxic concentration (CC₅₀) value of greater than 100 µM.^{60297} It inhibits cadmium-induced cytotoxicity in HepG2 cells in a concentration-dependent manner.^{60303}

FP/30/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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