



LKT Laboratories, Inc.

Betulin-3-Acetate

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Product Information

Product ID B1978

CAS No. 27570-20-3

Chemical Name

Synonym

Formula $C_{32}H_{52}O_3$

Formula Wt. 484.75

Melting Point

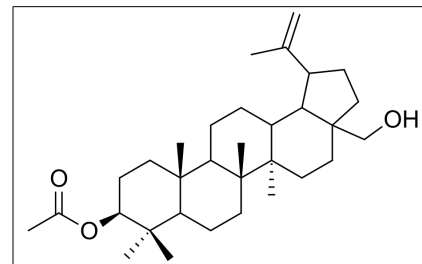
Purity $\geq 97\%$

Solubility Soluble in ethanol (10 mg/mL).

Store Temp Ambient

Ship Temp Ambient

Description Betulin-3-acetate is a pentacyclic triterpene. This compound exhibits antiviral activity and anticancer potential. Betulin-3-acetate is a close relative of betulin, which has anticancer, antiviral, anti-inflammatory, and antibacterial activity. It inhibits replication of alphavirus and like betulin, likely induces apoptosis in cancer cells.



Bulk quantities available upon request

Product ID Size

B1978 25 mg

B1978 50 mg

B1978 100 mg

References Pohjala L, Alakurtti S, Ahola T, et al. Betulin-derived compounds as inhibitors of alphavirus replication. J Nat Prod. 2009 Nov;72(11):1917-26. PMID: 19839605.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.