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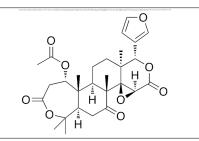
Product Information

Product ID N5550

CAS No. 1063-77-0

- Chemical Name 1-(3-Furyl)decaydro-11-hydroxy-4b,7,7-11a,13a- pentamethyloxireno (4,4a)-2-benzopyrano[6,5-g]- (2)benzoxepin-3,5,9(3aH,4bH,6H)-trione acetate
 - Synonym 1-(Acetyloxy)-1,2-dihydroobacunoic acid ε-lactone

Formula C₂₈H₃₄O₉ Formula Wt. 514.56 Melting Point 257-261°C Purity ≥98% Solubility Soluble in acetone.



Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
N5550	5 mg	\$77.80
N5550	25 mg	\$199.60
N5550	100 mg	\$494.90
N5550	500 mg	\$1659.50

Store Temp Ambient

Ship Temp Ambient

Description Nomilin is a limonoid/triterpenoid found in citrus fruits that exhibits anti-parasitic, antiviral, anticancer, anti-metastatic, antiangiogenic, anti-inflammatory, immunomodulatory, anti-obesity, anti-diabetic, and antiviral activities. Nomilin prevents growth of *Aedes* and suppresses replication of HIV-1 by inhibiting HIV-1 protease. In animal models, nomilin induces phase II enzymes by increasing expression of glutathione-S-transferase and NADPH:Quinone reductase. In animals fed high fat diets, nomilin activates GR5, increases glucose tolerance, and decreases body weight, glucose levels, and insulin levels. In vivo, nomilin increases white blood cell counts and antibody titers but suppresses delayed-type hypersensitivity reactions. In vitro, this compound inhibits cell proliferation, migration, invasion, and capillary tube formation and decreases levels of IL-18, IL-6, TNF-α, VEGF, NO, and GM-CSF. Additionally, nomilin also inhibits aromatase and cellular proliferation in breast cancer cells.

References Sato R. Nomilin as an anti-obesity and anti-hyperglycemic agent. Vitam Horm. 2013;91:425-39. PMID: 23374727.

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