



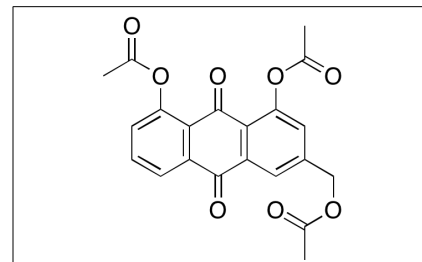
LKT Laboratories, Inc.

Triacetyl Aloe-emodin (Impurity A)

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID T6833
CAS No. 25395-11-3
Chemical Name [4,5-bis(acetyloxy)-9,10-dioxo-9,10-dihydroanthracen-2-yl] methyl acetate
Synonym 1,8-Bis(acetyloxy)-3-[(acetyloxy)methyl]-9,10-anthracenedione, 1,8-Dihydroxy-3-(hydroxymethyl)anthraquinone Triacetate, Aloe-emodin Impurity A
Formula C₂₁H₁₆O₈
Formula Wt. 396.35
Melting Point
Purity ≥98%
Solubility



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T6833	5 mg	\$127.40
T6833	10 mg	\$180.00
T6833	25 mg	\$299.60
T6833	100 mg	\$1080.50

Store Temp -20° C
Ship Temp Ambient

Description Triacetyl aloe-emodin is a derivative of aloe-emodin, an anthraquinone found in the aloe plant. Aloe-emodin is most commonly known for its stimulant-laxative action, but also shows antioxidative, anticancer, and anti-angiogenic activity. This compound activates CFTR Cl⁻ channels in the colon, potentially increasing fluid secretion and resulting in laxative activity. Aloe-emodin acts on a number of targets in cellular models of cancer, including p65lck, ERα, NF-κB, and mTORC2. Additionally, aloe-emodin induces apoptosis in vivo through disruption of the mitochondria membrane potential.

References Ismail S, Haris K, Abdul Ghani AR, et al. Enhanced induction of cell cycle arrest and apoptosis via the mitochondrial membrane potential disruption in human U87 malignant glioma cells by aloe emodin. J Asian Nat Prod Res. 2013 Jul 22. [Epub ahead of print]. PMID: 23869465.

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