3-O-Acetyl-11-keto-β-boswellic acid

Inhibitor of lipoxygenase and topoisomerase

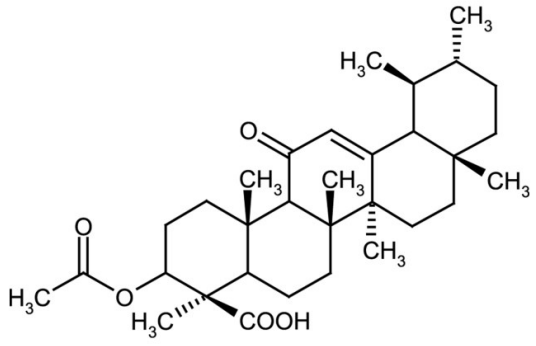
Shows antitumor and anti-inflammatory activities. Potent non-redox, noncompetitive 5-lipoxygenase and topoisomerase I and IIa inhibitor leading to apoptosis. 10-times more potent than 3-O-acetyl-β-boswellic acid (Prod. No. ALX-350-308). Exhibits *in vivo* efficacy in tumor growth and inhibition.

Citations: 7 View Online »

Ordering Information Order Online »

ALX-350-310-M005	5mg

Manuals, SDS & CofA View Online »


CH3
H3C
O
CH3
CH3
CH3
CH3
O
H3C
O
H3C
COOH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stock solutions are stable for up to 3 months when stored at -20°C.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	AKβBA
Appearance	White to off-white solid.
CAS	67416-61-9
Couple Target	Lipoxygenase, Topoisomerase
Couple Type	Inhibitor
Formula	$C_{32}H_{48}O_5$
MW	512.7
Purity	≥98% (HPLC)
Solubility	Soluble in acetone, dichloromethane, diethyl ether or DMSO.
Source	Isolated from *Boswellia serrata.*

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.