MK-886

FLAP inhibitor

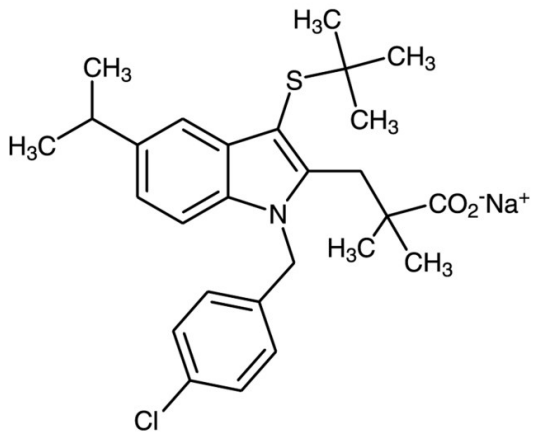
Inhibitor of PPARα activation. Inhibits 5-lipoxygenase-activating protein (FLAP) and leukotriene biosynthesis. Binds to FLAP with high affinity and prevents the activation of 5-lipoxygenase. IC_{50}'s for leukotriene biosynthesis: 2.5 nM in intact leukocytes; 1.1 μM in whole blood. Induces apoptosis through the mitochondrial pathway.

Citations: 9 View Online »

Ordering Information Order Online »

BML-EI266-0005	5mg

Manuals, SDS & CofA View Online »


H3C
CH3
S
CH3
CH3
H3C
CO2-Na+
N
H3C
CH3
Cl

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at room temperature. Prepare fresh solutions daily.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	L-663,536, 3-[1-(p-Chlorobenzyl)-5-(isopropyl)-3-t-butylthioindol-2-yl]-2,2-dimethylpropanoic acid . Na
Appearance	White solid.
CAS	118414-82-7
Couple Target	FLAP, PPAR
Couple Type	Inhibitor
Formula	$C_{27}H_{33}ClNO_2S{\cdot}Na$
MW	494.0
Purity	≥98% (HPLC)
Solubility	Soluble in 100% ethanol (25mg/ml) or DMSO (25mg/ml).

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