U-18666A

Oxido-squalene cyclase inhibitor

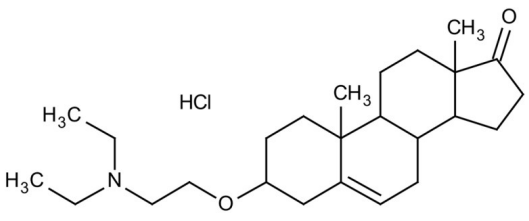
A useful tool for inhibition of cholesterol transport from late endosomes/lysosomes to the endoplasmic reticulum. Inhibits cholesterol transport in a variety of cell types such as macrophages and sympathetic neurons. May be used to induce a Neimann-Pick disease type C (NPC)or NPC-like phenotype in a variety of cell types. Inhibits cholesterol biosynthesis at the level of oxido-squalene cyclase (OSC). Induction of cataracts is a common toxic feature of OSC inhibitors such as U18666A.

Citations: 6 View Online »

Ordering Information Order Online »

BML-S200-0010	10mg
BML-S200-0050	50mg

Manuals, SDS & CofA View Online »


CH3
O
HCl
CH3
H3C
H3C
N
O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	3β-(2-Diethylaminoethoxy)-Androstenone . HCl
Appearance	White solid.
CAS	3039-71-2
Couple Target	Oxido-squalene cyclase
Couple Type	Inhibitor
Formula	$C_{25}H_{41}NO_2$. HCl
MW	424.1
Purity	≥99% (TLC)

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