TOFA

Acetyl-CoA inhibitor

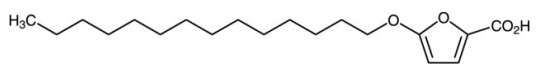
Hypolipidemic agent. Potent, reversible and competitive inhibitor of acetyl-coenzyme A carboxylase (Ac-CoA carboxylase; ACC), a key enzyme involved in fatty acid biosynthesis. It blocks apoptosis induced by the fatty acid synthase inhibitor C75 (Prod. No. ALX-270-286) and stimulates neurite outgrowth and neuronal differentiation in rat pheochromocytoma cells.

Citations: 11 View Online »

Ordering Information Order Online »

BML-EI321-0010	10mg
BML-EI321-0050	50mg

Manuals, SDS & CofA View Online »

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 -20°C. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	5-(Tetradecyloxy)-2-furoic acid, RMI-14514
Appearance	Off-white solid.
CAS	54857-86-2
Couple Target	Acetyl-CoA
Couple Type	Inhibitor
Formula	$C_{19}H_{32}O_4$
MW	324.5
MeltingPoint	108-110°C
Purity	≥99% (TLC)
Solubility	Soluble in dimethyl formamide, DMSO (10mg/ml), 100% ethanol or methanol. Sparingly soluble in aqueous buffers.

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