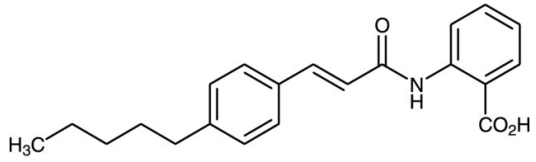
N-(p-Amylcinnamoyl)anthranilic acid

Inhibitor of PLA_2 and TRP channels

ACA is a close structural analog of the PLA_2 inhibitor, ONO-RS-082 and possesses similar but less potent inhibitory activity. Inhibits TRP channels independently of PLA_2, including TRPM2, TRPC6 and TRPM8. It is a useful tool for studying the physiological role of TRP channels.

Citations: 6 View Online »

Manuals, SDS & CofA View Online »


O
N
H
CO2H
H3C

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at room temperature for up to 1 year. Make solutions fresh daily.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	ACA
Appearance	White solid.
CAS	110683-10-8
Couple Target	Phospholipase, TRP channel
Couple Type	Blocker, Inhibitor
Formula	$C_{21}H_{23}NO_3$
MW	337.4
Purity	≥99% (HPLC)
Solubility	Soluble in DMSO (50 mg/ml) or ethanol (50 mg/ml @ 60°C).

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