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CERTIFICATE OF ANALYSIS

Product name: **ACA**

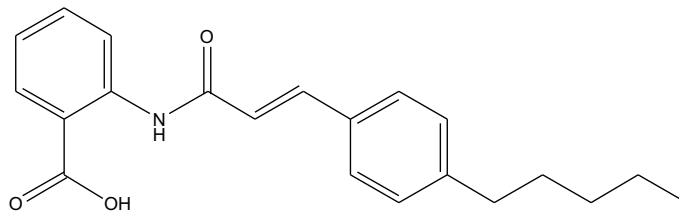
Cat. number: **VD-NP-0016**

CAS Number: **110683-10-8**

Lot number: **VD12-0000728**

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₂₁ H ₂₃ NO ₃
MW:	337.4
Purity:	>=99% by TLC
Appearance:	White solid
Solubility:	DMSO or EtOH.
Storage:	+15°C to +30°C. Protect from light.
Synonyms:	N-(p-Amylcinnamoyl)anthranilic acid

Product Description:

A cell-permeable inhibitor of phospholipase A2 that blocks epinephrine-stimulated thromboxane production in platelets. Inhibits ATP-stimulated phosphatidylcholine (PC) secretion in alveolar type II cells. Also blocks phorbol ester and A23187-induced PC secretion in type II cells. Reported to block glucose-induced insulin secretion by pancreatic β-cells. Exhibits moderate leukotriene antagonist activity.

Product Reference:

- 1.Liu, L., et al. 1999. J. Cell. Biochem. 72, 103.
- 2.Simonsson, E., et al. 1998. Diabetes 47, 1436.
- 3.Konrad, R.J., et al. 1992. Biochim. Biophys. Acta 1135, 215.

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