



Product Information

TRP channel inhibitor ACA, Purity ≥98%

Cat. No.: X24-07-ZQ401

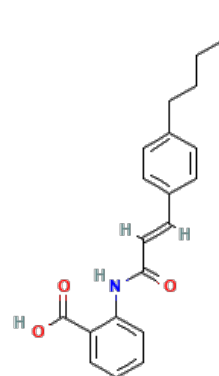
Size: 100 mg; 250 mg; 500 mg; 1000 mg

CAS Number: 110683-10-8

Compound CID: 5353376

Synonym: 110683-10-8; TRP channel inhibitor; *N*-(*p*-amylcinnamoyl) anthranilic acid

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	ACA modulates the function of TRP channels, which are crucial for various physiological processes including sensation and thermoregulation.
Molecular Weight	337.4
Molecular Formula	C ₂₁ H ₂₃ NO ₃
IUPAC Name	2-[[<i>E</i>]-3-(4-pentylphenyl)prop-2-enoyl]amino]benzoic acid
InChI	InChI=1S/C21H23NO3/c1-2-3-4-7-16-10-12-17(13-11-16)14-15-20(23)22-19-9-6-5-8-18(19)21(24)25/h5-6,8-15H,2-4,7H2,1H3,(H,22,23)(H,24,25)/b15-14+
InChI Key	GAMRBCZMOOMBSQ-CCEZHUSRSA-N
Canonical SMILES	CCCCC1=CC=C(C=C1)C=CC(=O)NC2=CC=CC=C2C(=O)O
Isomeric SMILES	CCCCC1=CC=C(C=C1)/C=C/C(=O)NC2=CC=CC=C2C(=O)O
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	ACA acts as a TRP channel inhibitor, particularly used in research to modulate calcium entry in various cells.
Storage	Store at -20°C, and keep desiccated.