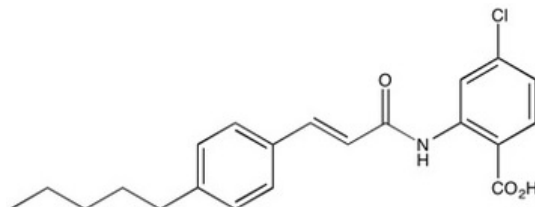


Catalog	Unit
TBI1107-20MG	20mg
TBI1107-100MG	100mg

Product Details

Formal Name: 2-(4-Pentylcinnamoyl)amino-4-chlorobenzoic acid
Alternate Names: PACA
Molecular Formula: C₂₁H₂₂ClNO₃
Formula Weight: 371.86
CAS Number: 99754-06-0
Purity: >98%
Formulation: powder
Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 10 mg/ml)
Storage: -20°C
Stability: ≥ 2 years.



Applications

Phospholipase A2 inhibitor

Functions

Reversible inhibitor of Ca²⁺-independent phospholipase A₂ (PLA₂), IC₅₀=7 μM for guinea pig lung PLA₂. Inhibits epinephrine-induced thromboxane production in platelets. Inhibition of PLA₂ by ONO-RS-032 disrupts endosome tubule formation and maintenance of the Golgi complex. Prevents *Xenopus* oocyte maturation at stage V.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or Ethanol may be stored at -20°C for up to 3 months.

For research use only.