ONO-RS-082

Phospholipase inhibitor

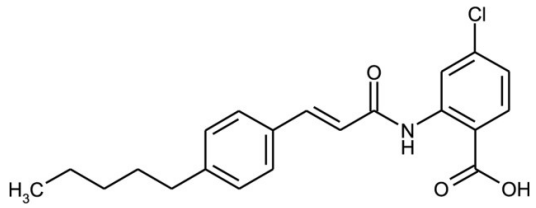
Phospholipase A_2 inhibitor (IC_{50}=7 μM for purified guinea pig lung PLA_2). Inhibits epinephrine-stimulated thromboxane production in human platelets (86% at 3.5μM). Also blocks insulin secretion in pancreatic islets in response to glucose. Disrupts membrane tubule-mediated reassembly and maintenance of the Golgi complex.

Citations: 6 View Online »

Ordering Information Order Online »

BML-ST320-0020	20mg
BML-ST320-0100	100mg

Manuals, SDS & CofA View Online »


Cl
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H3C

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 2 years after receipt when stored at +20°C. Stock solutions are stable for up to 3 months at -20°C.
Handling	Protect from light. Do not freeze.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2-(p-Amylcinnamoyl)amino-4-chlorobenzoic acid
Appearance	Off-white to yellow solid.
CAS	99754-06-0
Couple Target	Phospholipase, PLA
Couple Type	Inhibitor
Formula	$C_{21}H_{22}ClNO_3$
MW	371.9
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (25mg/ml, warm) or 100% ethanol (10mg/ml, warm).

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