D609

Phospholipase inhibitor

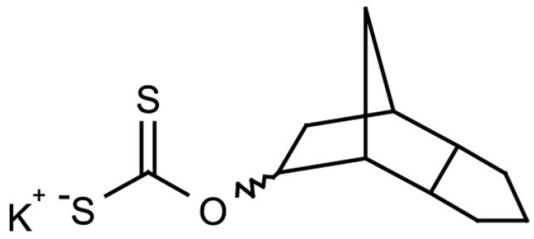
Selective inhibitor of phosphatidylcholine-specific phospholipase C (PC-PLC). Has been used to study the coupling of phosphatidylcholine-specific phospholipase C with sphingomyelinase. Shows antitumor and antiviral activity. Inhibits basement membrane collagen synthesis, which is the last step in the development of a new blood vessel. Inhibits induction of nitric oxide synthases (NOS). Induces apoptosis. It indirectly inhibits phorbol ester stimulated PLD activity.

Citations: 26 View Online »

Ordering Information Order Online »

BML-ST330-0005	5mg

Manuals, SDS & CofA View Online »

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K+ -S
O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at -20°C. We recommend to prepare fresh solutions each day.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Tricyclodecan-9-yl xanthogenate . K
Appearance	Off-white solid.
CAS	83373-60-8
Couple Target	Phospholipase, PLC
Couple Type	Inhibitor
Formula	$C_{11}H_{15}OS_2$. K
MW	266.5
Purity	≥98% (TLC)
Solubility	Soluble in water (25mg/ml).

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