BAPTA-AM

PKC activator

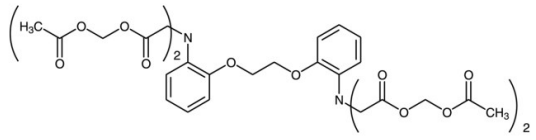
BAPTA is a Ca^{2+} chelator with 105-fold greater affinity for Ca^{2+} than for Mg^{2+}. BAPTA-AM is a cell-permeable derivative which is widely used as an intracellular calcium sponge. Induces inactivation of protein kinase C. Also inhibits thapsigargin-induced apoptosis in rat thymocytes.

Citations: 23 View Online »

Ordering Information Order Online »

BML-CA411-0025	25mg

Manuals, SDS & CofA View Online »



Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	1,2-bis-(o-Aminophenoxy)-ethane-N,N,N’,N’-tetraacetic acid, tetraacetoxymethyl ester
Appearance	White to off-white powder.
CAS	126150-97-8
Couple Target	PKC
Couple Type	Activator
Formula	$C_{34}H_{40}N_2O_{18}$
Identity	Determined by NMR.
MW	764.7
Purity	≥90% (HPLC)
Solubility	Soluble in DMSO (25mg/ml), dimethyl formamide (25mg/ml) or 100% ethanol (5mg/ml, warm)

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