Isotetrandrine

Phospholipase inhibitor

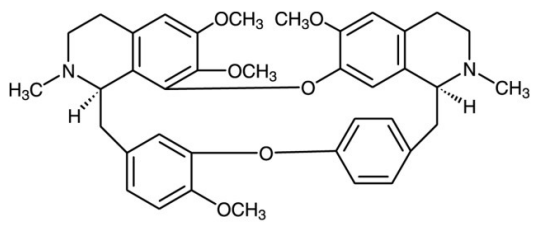
Isotetrandrine is a biscoclaurine alkaloid which inhibits G-protein mediated activation of phospholipase A_2 (PLA_2) but not phospholipase C (PLC) or D (PLD). Cell permeable.

Citations: 5 View Online »

Ordering Information Order Online »

BML-G520-0001	1mg

Manuals, SDS & CofA View Online »


OCH3
CH3O
OCH3
O
N
H3C
H
N
CH3
H
O
OCH3

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. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Berbamine methyl ether, 6,6′,7,12-Tetramethoxy-2,2′-dimethyl-berbaman
Appearance	Off-white solid.
CAS	477-57-6
Couple Target	Phospholipase, PLA
Couple Type	Inhibitor
Formula	$C_{38}H_{42}N_2O_6$
MW	622.7
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (20mg/ml) or ethanol (25mg/ml).

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