Compound 48/80 . trihydrochloride

G protein activator

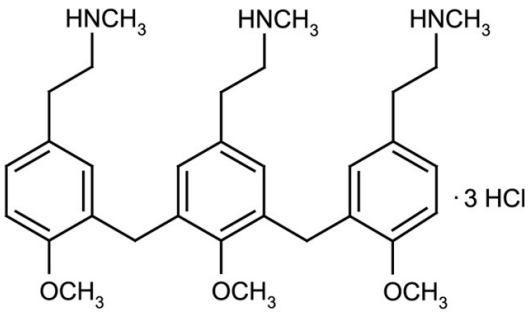
Compound 48/80 is an oligomeric mixture of condensation products of N-methyl-p-methoxyphenethylamine and formaldehyde. It activates G proteins by a mechanism analogous to that of mastoparan. It inhibits calmodulin and human platelet PLC and exhibits a concentration dependent biphasic modulation of human platelet PLA_2.

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ALX-420-008-M100	100mg

Manuals, SDS & CofA View Online »


HNCH3
HNCH3
HNCH3
· 3 HCl
OCH3
OCH3
OCH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stock solutions are stable for up to 3 months when stored at -20°C.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White to off-white solid.
CAS	94724-12-6
Couple Target	Calmodulin, G Protein, PLC
Couple Type	Activator, Inhibitor
Formula	$C_{32}H_{46}N_3O_3$. 3HCl
Identity	Determined by 1H-NMR.
MW	520.7 . 109.4
Solubility	Soluble in water (100mg/ml).

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