

Product datasheet

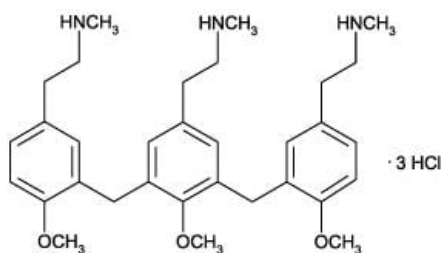
Compound 48/80 trihydrochloride, G protein activator ab144520

Overview

Product name	Compound 48/80 trihydrochloride, G protein activator
Description	G protein activator; mast cell degranulator
Biological description	G protein activator; mast cell degranulator. Promotes histamine release, inhibits CaM (calmodulin), inhibits PLC (phospholipase C) and activates G proteins. Mechanism analogous to mastoparan (ab142444). Active <i>in vivo</i> and <i>in vitro</i> .

CAS Number 94724-12-6

Chemical structure



Properties

Molecular weight	630.10
Molecular formula	C ₃₂ H ₄₆ N ₃ O ₃ ·3HCl
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

SMILES Cl.Cl.Cl.COc2c(cc(cc2Cc1cc(CCNc)ccc1OC)CCNC)Cc3cc(CCNc)ccc3OC

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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