GP antagonist-2

G protein antagonist

Selective, competitive and reversible G-protein antagonist. Inhibits the activation of G_i or G_o by M_2 muscarinic cholinergic receptors (mAChR) and G_s by β-adrenergic receptors in reconstituted phospholipid vesicles. Inhibition is reversible and competitive with respect to receptor binding to G proteins. Substance P (Prod. No. ALX-167-003) related compound.

Citations: 1 View Online »

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	G-protein antagonist 2
Appearance	White to off-white solid.
Formula	$C_{57}H_{64}N_{12}O_9S$
Formulation	Lyophilized.
MW	1093.3
Purity	≥95% (HPLC)
Sequence	H-Pyr-Gln-D-Trp-Phe-D-Trp-D-Trp-Met-NH_2
Solubility	Soluble in water or DMSO.
Source	Synthetic.

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