Dimethyl-W84 dibromide

M2 receptor modulator

Very potent allosteric modulator of muscarinic receptors, selective for M2-receptors. Retards the dissociation of the antagonist N-methylscopolamine. Affinity for the free receptor is about 10-fold higher than with W84 (Prod. No. ALX-550-399). pK_A=7.08, $p(\alpha K_A)$=6.75, $pEC_{50,diss}$=6.77.

Citations: 8 View Online »

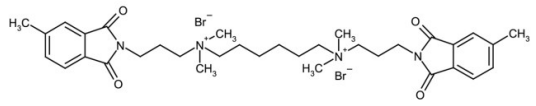
Ordering Information

Order Online »

ALX-550-400-M005	5mg

Manuals, SDS & CofA

View Online »



Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Avoid freeze/thaw cycles.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	N,N'-Bis[3-(1,3-dihydro-5-methyl-1,3-dioxo-2H-isoindol-2-yl)propyl]-N,N,N',N'-tetramethyl-1,6-hexanediamminium dibromide
Appearance	White to off-white solid.
CAS	402475-33-6
Couple Target	Acetylcholine receptor
Couple Type	Ligand
Formula	$C_{34}H_{48}Br_2N_4O_4$
MW	736.6
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO, water or aqueous buffer.

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