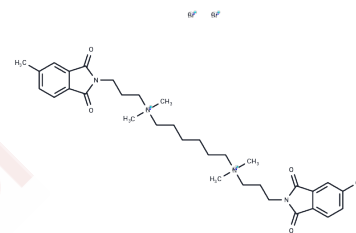


## Dimethyl-W84 (dibromide)

### Chemical Properties

CAS No. : 402475-33-6  
 Formula: C<sub>34</sub>H<sub>48</sub>Br<sub>2</sub>N<sub>4</sub>O<sub>4</sub>  
 Molecular Weight: 736.59  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



### Biological Description

Description	Dimethyl-W84 is a selective allosteric modulator of the M2 muscarinic acetylcholine receptor. It hinders the dissociation of the orthosteric antagonist N-methylscopolamine from the M2 receptor with an EC <sub>50</sub> value of 3 nM.
Targets(IC <sub>50</sub> )	Others,AChR

### Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3576 mL	6.788 mL	13.5761 mL
5 mM	0.2715 mL	1.3576 mL	2.7152 mL
10 mM	0.1358 mL	0.6788 mL	1.3576 mL
50 mM	0.0272 mL	0.1358 mL	0.2715 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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