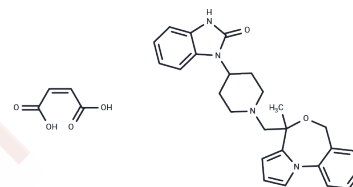


## Zaldaride maleate

## Chemical Properties

CAS No. :	109826-27-9
Formula:	C30H32N4O6
Molecular Weight:	544.6
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	Zaldaride maleate inhibits CaM (calmodulin)-stimulated cAMP phosphodiesterase activity (IC50: 3.3 nM). Zaldaride maleate is an effective and selective inhibitor of calmodulin. Zaldaride maleate prevents estrogen-induced transcription activation by ER, reversibly blocks voltage-activated Na <sup>+</sup> , Ca <sup>2+</sup> , and K <sup>+</sup> currents in PC12 cells and inhibits nAChR.
Targets(IC50)	CaMK,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8362 mL	9.1811 mL	18.3621 mL
5 mM	0.3672 mL	1.8362 mL	3.6724 mL
10 mM	0.1836 mL	0.9181 mL	1.8362 mL
50 mM	0.0367 mL	0.1836 mL	0.3672 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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