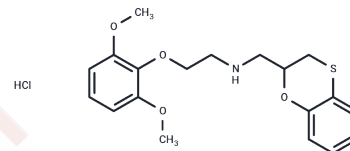


## Benoxathian hydrochloride

## Chemical Properties

CAS No. :	92642-97-2
Formula:	C <sub>19</sub> H <sub>24</sub> ClNO <sub>4</sub> S
Molecular Weight:	397.91
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	Benoxathian hydrochloride is effective $\alpha$ 1 Adrenaline receptor antagonist. Benoxathian hydrochloride has value in the study of anorexia.
Targets(IC50)	Others,Adrenergic Receptor
In vivo	Benoxathian hydrochloride, when injected into the paraventricular nucleus at a dosage of 10 nM, fully counteracts the anorexia caused by phenylpropranolamine (administered intraperitoneally at doses of 2.5, 5.0, or 10.0 mg/kg) in rats [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5131 mL	12.5657 mL	25.1313 mL
5 mM	0.5026 mL	2.5131 mL	5.0263 mL
10 mM	0.2513 mL	1.2566 mL	2.5131 mL
50 mM	0.0503 mL	0.2513 mL	0.5026 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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