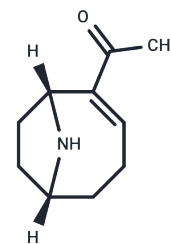


## Anatoxin-a

## Chemical Properties

CAS No. :	64285-06-9
Formula:	C <sub>10</sub> H <sub>15</sub> NO
Molecular Weight:	165.23
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	Anatoxin-a (ATX-a), a neurotoxic alkaloid, functions as an agonist for the nicotinic acetylcholine receptor (nAChR) and as an inhibitor of Acetylcholinesterase (AChE) [1] [2].
Targets(IC50)	AChR,Cholinesterase (ChE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0522 mL	30.2608 mL	60.5217 mL
5 mM	1.2104 mL	6.0522 mL	12.1043 mL
10 mM	0.6052 mL	3.0261 mL	6.0522 mL
50 mM	0.121 mL	0.6052 mL	1.2104 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481