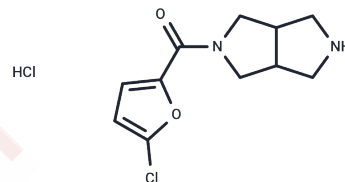


## AZD1446 HCl

## Chemical Properties

CAS No. :	1788894-06-3
Formula:	C <sub>11</sub> H <sub>14</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	277.15
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	AZD1446 HCl, also known as TC-6683, is a novel highly selective $\alpha 4\beta 2$ nicotinic acetylcholine receptor agonist for the treatment of cognitive disorders. AZD1446 HCl showed favorable pharmaceutical properties and in vivo efficacy in animal models has been identified as a potential treatment for cognitive deficits associated with psychiatric or neurological conditions and had been evaluated in phase 2 clinical trials as a treatment for Alzheimer's disease.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6082 mL	18.0408 mL	36.0815 mL
5 mM	0.7216 mL	3.6082 mL	7.2163 mL
10 mM	0.3608 mL	1.8041 mL	3.6082 mL
50 mM	0.0722 mL	0.3608 mL	0.7216 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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