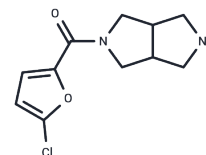
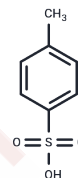


AZD1446 tosylate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 1392330-84-5 |
| Formula: | C ₁₈ H ₂₁ ClN ₂ O ₅ S |
| Molecular Weight: | 412.885 |
| 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 tosylate, 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 tosylate 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 | 2.422 mL | 12.1098 mL | 24.2195 mL |
| 5 mM | 0.4844 mL | 2.422 mL | 4.8439 mL |
| 10 mM | 0.2422 mL | 1.211 mL | 2.422 mL |
| 50 mM | 0.0484 mL | 0.2422 mL | 0.4844 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

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