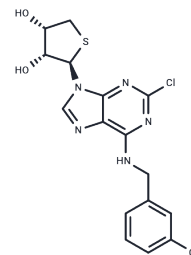


LJ-2698

Chemical Properties

CAS No. : 945457-84-1
Formula: C₁₆H₁₅Cl₂N₅O₂S
Molecular Weight: 412.29
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	LJ-2698 is an adenosine A3 receptor antagonist under investigation for treating emphysema and DKD (Diabetic Kidney Disease). In mouse lung models, LJ-2698 effectively mitigates elastase-induced adverse effects and inhibits matrix metalloproteinase activity and apoptosis. Additionally, it is being explored for its potential in treating diabetic nephropathy, successfully preventing various types of kidney damage in mice.
-------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4255 mL	12.1274 mL	24.2548 mL
5 mM	0.4851 mL	2.4255 mL	4.851 mL
10 mM	0.2425 mL	1.2127 mL	2.4255 mL
50 mM	0.0485 mL	0.2425 mL	0.4851 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