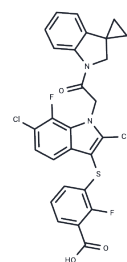


PAT-347

## Chemical Properties

CAS No. : 1689554-51-5  
 Formula: C<sub>28</sub>H<sub>21</sub>ClF<sub>2</sub>N<sub>2</sub>O<sub>3</sub>S  
 Molecular Weight: 538.99  
 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	PAT-347 is a potent Autotaxin Inhibitor. Autotaxin (ATX) is a secreted enzyme responsible for the hydrolysis of lysophosphatidylcholine (LPC) to the bioactive lysophosphatidic acid (LPA) and choline. The ATX-LPA signaling pathway is implicated in cell survival, migration, and proliferation; thus, the inhibition of ATX is a recognized therapeutic target for a number of diseases including fibrotic diseases, cancer, and inflammation, among others.
Targets(IC50)	Others,PDE

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8553 mL	9.2766 mL	18.5532 mL
5 mM	0.3711 mL	1.8553 mL	3.7106 mL
10 mM	0.1855 mL	0.9277 mL	1.8553 mL
50 mM	0.0371 mL	0.1855 mL	0.3711 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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