

A3373

## Chemical Properties

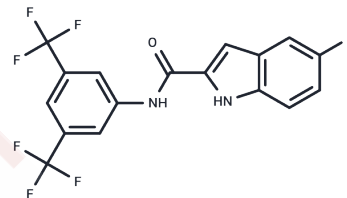
CAS No. : 2324948-66-3

Formula: C<sub>17</sub>H<sub>9</sub>F<sub>7</sub>N<sub>2</sub>O

Molecular Weight: 390.26

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	A3373 is a novel inhibitor targeting both Phospholipase D1 (PLD1) and Phospholipase D2 (PLD2), demonstrating half maximal inhibitory concentrations (IC <sub>50</sub> ) of 325 nM for PLD1 and 15.15 μM for PLD2. This compound effectively suppresses lipopolysaccharide (LPS)-induced immune responses and is implicated in key processes of autoimmune arthritis, bone demineralization, and osteoclastogenesis [1] [2].
Targets(IC <sub>50</sub> )	Phospholipase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5624 mL	12.812 mL	25.6239 mL
5 mM	0.5125 mL	2.5624 mL	5.1248 mL
10 mM	0.2562 mL	1.2812 mL	2.5624 mL
50 mM	0.0512 mL	0.2562 mL	0.5125 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