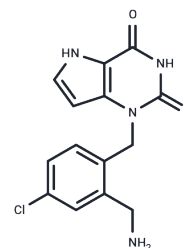


AZM198

Chemical Properties

CAS No. : 1933460-23-1
 Formula: C₁₄H₁₃ClN₄O₅
 Molecular Weight: 320.80
 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	AZM198 is a selective, orally active, and irreversible inhibitor of MPO with an IC ₅₀ of 15.0 nM. It exhibits an IC ₅₀ of 19 μM against CYP3A4 and possesses favorable lipophilicity, membrane permeability, metabolic stability, safety, and pharmacokinetic properties. AZM198 shows efficacy in improving vascular function, atherosclerotic plaques, pulmonary hypertension, nephropathy, visceral inflammatory fat deposition, ectopic fat deposition, and liver fibrosis.
Targets(IC ₅₀)	Glutathione Peroxidase, Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1172 mL	15.586 mL	31.1721 mL
5 mM	0.6234 mL	3.1172 mL	6.2344 mL
10 mM	0.3117 mL	1.5586 mL	3.1172 mL
50 mM	0.0623 mL	0.3117 mL	0.6234 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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