

AZD5718

Chemical Properties

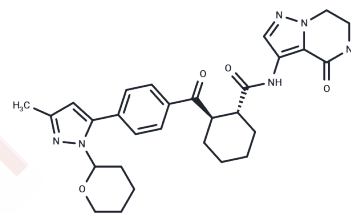
CAS No. : 2041076-43-9

Formula: C₂₉H₃₄N₆O₄

Molecular Weight: 530.62

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	AZD5718 is a potent and selective FLAP inhibitor (IC ₅₀ = 2.0 nM) for Treatment of Coronary Artery Disease. AZD5718 demonstrated a dose dependent and greater than 90% suppression of leukotriene production over 24 h. Preclinical toxicology studies in rat and dog did not show any serious adverse events of clinical significance. Currently, AZD5718 is evaluated in a phase 2a study for treatment of coronary artery disease.
Targets(IC ₅₀)	Others,FLAP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8846 mL	9.4229 mL	18.8459 mL
5 mM	0.3769 mL	1.8846 mL	3.7692 mL
10 mM	0.1885 mL	0.9423 mL	1.8846 mL
50 mM	0.0377 mL	0.1885 mL	0.3769 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