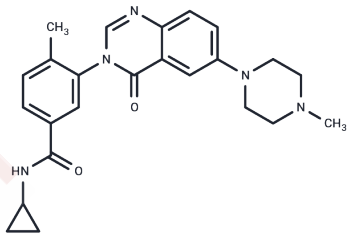
Data Sheet (Cat.No.T26721)

TargetMol

AZD6703 free base

Chemical Properties



CAS No. : 851845-37-9

Formula: C24H27N5O2

Molecular Weight: 417.5

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	AZD6703 is a potent, selective and reversible orally bioavailable inhibitor of p38 mitogen-activated protein kinase 14 (MAPK14).
Targets(IC50)	Others,p38 MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3952 mL	11.976 mL	23.9521 mL
5 mM	0.479 mL	2.3952 mL	4.7904 mL
10 mM	0.2395 mL	1.1976 mL	2.3952 mL
50 mM	0.0479 mL	0.2395 mL	0.479 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.

Reference

Brown DS, Cumming JG, Bethel P, Finlayson J, Gerhardt S, Nash I, Pauptit RA, Pike KG, Reid A, Snelson W, Swallow S, Thompson C. The discovery of N-cyclopropyl-4-methyl-3-[6-(4-methylpiperazin-1-yl)-4-oxoquinazolin-3(4H)-yl] ben zamide (AZD6703), a clinical p38α MAP kinase inhibitor for the treatment of inflammatory diseases. Bioorg Med Chem Lett. 2012 Jun 15;22(12):3879-83. doi: 10.1016/j.bmcl.2012.04.116. PubMed PMID: 22608965.

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