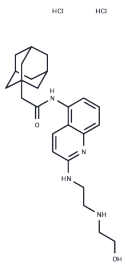
Data Sheet (Cat.No.T14366)

TargetMol

AZ10606120 dihydrochloride

Chemical Properties



CAS No. : 607378-18-7

Formula: C25H36Cl2N4O2

Molecular Weight: 495.48

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	AZ10606120 dihydrochloride is a selectable, potent, high-affinity receptor antagonist with K D values of 1.4 and 19 nM at human and rat P2X 7 receptors, respectively. AZ10606120 dihydrochloride inhibits tumor growth and has anti-angiogenic activity. AZ 10606120 acts as a negative allosteric modulator when bound to a site coupled to the ATP binding site.
Targets(IC50)	P2X Receptor

Solubility Information

Solubility	DMSO: 8 mg/mL (16.15 mM),Sonication is recommended. H2O: 1.5 mg/mL (3.03 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0182 mL	10.0912 mL	20.1824 mL
5 mM	0.4036 mL	2.0182 mL	4.0365 mL
10 mM	0.2018 mL	1.0091 mL	2.0182 mL
50 mM	0.0404 mL	0.2018 mL	0.4036 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

Allsopp RC, et al. Unique residues in the ATP gated human P2X7 receptor define a novel allosteric binding pocket for the selective antagonist AZ10606120. Sci Rep. 2017 Apr 7;7(1):725.

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