

AZ13705339 hemihydrate

## Chemical Properties

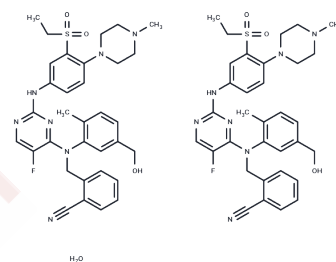
CAS No. :

Formula: C33H36FN7O3S.1/2H2O

Molecular Weight: 638.77

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	AZ13705339 hemihydrate is a hemihydrate form of AZ13705339, exhibiting high potency and selectivity as a PAK1 inhibitor, demonstrating IC50 values of 0.33 nM for PAK1 and 59 nM for pPAK1. It also shows strong binding affinities with Kd values of 0.28 nM for PAK1 and 0.32 nM for PAK2. This compound is utilized in cancer research.
Targets(IC50)	Others,PAK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5655 mL	7.8275 mL	15.6551 mL
5 mM	0.3131 mL	1.5655 mL	3.131 mL
10 mM	0.1566 mL	0.7828 mL	1.5655 mL
50 mM	0.0313 mL	0.1566 mL	0.3131 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**

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