

PVZB1194

## Chemical Properties

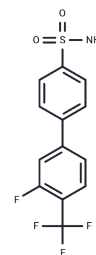
CAS No. : 1141768-04-8

Formula: C<sub>13</sub>H<sub>9</sub>F<sub>4</sub>NO<sub>2</sub>S

Molecular Weight: 319.28

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	PVZB1194, a biphenyl-type inhibitor of Kinesin spindle protein Eg5 (KIF11), exhibits anticancer potential by inducing cell cycle arrest and apoptosis through inhibiting Eg5 ATPase activity. It binds to the $\alpha 4/\alpha 6$ allosteric pocket and demonstrates ATP-competitive activity [1].
Targets(IC50)	Kinesin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.132 mL	15.6602 mL	31.3205 mL
5 mM	0.6264 mL	3.132 mL	6.2641 mL
10 mM	0.3132 mL	1.566 mL	3.132 mL
50 mM	0.0626 mL	0.3132 mL	0.6264 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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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481