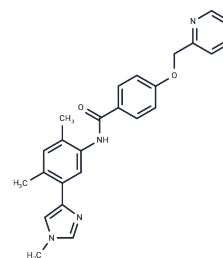


AZD8542

## Chemical Properties

CAS No. : 1126366-36-6  
 Formula: C<sub>25</sub>H<sub>24</sub>N<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 412.48  
 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	AZD8542 is an antagonist of Smoothed (SMO) with potential as an [oncology therapeutic].
Targets(IC50)	Hedgehog/Smoothed, Smo

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4244 mL	12.1218 mL	24.2436 mL
5 mM	0.4849 mL	2.4244 mL	4.8487 mL
10 mM	0.2424 mL	1.2122 mL	2.4244 mL
50 mM	0.0485 mL	0.2424 mL	0.4849 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

Rosa F. Hwang, INHIBITION OF THE HEDGEHOG PATHWAY TARGETS THE TUMOR-ASSOCIATED STROMA IN PANCREATIC CANCER. Mol Cancer Res. 2012 Sep; 10(9): 1147-1157.

Dakin Leslie, et al. Preparation of amide compounds containing heterocycle moiety as hedgehog pathway inhibitors. World Intellectual Property Organization, WO2009027746 A1.

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