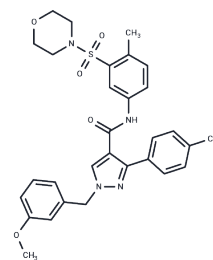


DY268

## Chemical Properties

CAS No. : 1609564-75-1  
 Formula: C30H32N4O5S  
 Molecular Weight: 560.66  
 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	DY268 is a compound based on trisubstituted pyrazolamide without any FXR agonist activity and cytotoxicity and can be used as an effective FXR antagonist (IC50 = 7.5 nM).
Targets(IC50)	FXR

## Solubility Information

Solubility	DMSO: 50 mg/mL (89.18 mM),Sonication is recommended. H2O: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 5 mg/mL (8.92 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7836 mL	8.9181 mL	17.8361 mL
5 mM	0.3567 mL	1.7836 mL	3.5672 mL
10 mM	0.1784 mL	0.8918 mL	1.7836 mL
50 mM	0.0357 mL	0.1784 mL	0.3567 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

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