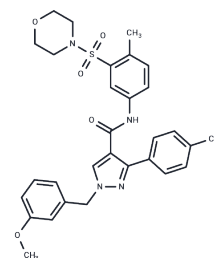


DY268

Chemical Properties

CAS No. : 1609564-75-1
Formula: C30H32N4O5S
Molecular Weight: 560.66
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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 (IC ₅₀ = 7.5 nM).
Targets(IC ₅₀)	FXR

Solubility Information

Solubility	DMSO: 50 mg/mL (89.18 mM), H ₂ O: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

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.

Reference

Roman-Lopez J, Correcher V, Garcia-Guinea J, Prado-Herrero P, Rivera T, Lozano IB. Effect of the chemical impurities on the luminescence emission of natural apatites. Spectrochim Acta A Mol Biomol Spectrosc. 2014 May

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481