Data Sheet (Cat.No.T67872)



VT104

Chemical Properties

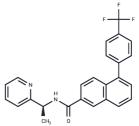
CAS No.: 2417718-25-1

Formula: C25H19F3N2O

Molecular Weight: 420.43

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	VT104 is a potent YAP/TAZ inhibitor with oral activity that can be used in cancer research. VT104 prevents palmitylation of endogenous TEAD1 and TEAD3 proteins.		
Targets(IC50)	YAP		
In vitro	VT104 is a pan-TEAD binder, with low nanomolar IC50 values in proliferation assays using YAP1/TEAD-dependent cell lines [1].		
In vivo	VT104 also exhibits a favorable pharmacokinetics profile with exposure sufficient for daily dosing in mice. In the NCI-H226 xenograft efficacy model, VT-104 is highly active with a TGI = 102% at 3 mg/kg PO [1].		

Solubility Information

Solubility	DMSO: 30 mg/mL (71.35 mM)
	(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3785 mL	11.8926 mL	23.7852 mL
5 mM	0.4757 mL	2.3785 mL	4.757 mL
10 mM	0.2379 mL	1.1893 mL	2.3785 mL
50 mM	0.0476 mL	0.2379 mL	0.4757 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

Barry ER, et al. Recent Therapeutic Approaches to Modulate the Hippo Pathway in Oncology and Regenerative Medicine. Cells. 2021 Oct 11;10(10):2715.

Page 1 of 2 www.targetmol.com



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

Page 2 of 2 www.targetmol.com