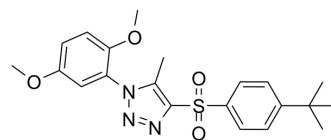


SPA70

Cat. No.:	HY-124830		
CAS No.:	931314-31-7		
Molecular Formula:	C ₂₁ H ₂₅ N ₃ O ₄ S		
Molecular Weight:	415.51		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 40 mg/mL (96.27 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.4067 mL	12.0334 mL	24.0668 mL
5 mM	0.4813 mL	2.4067 mL	4.8134 mL
10 mM	0.2407 mL	1.2033 mL	2.4067 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

SPA70 is a potent and selective antagonist of human pregnane X receptor (hPXR), with an IC₅₀ of 540 nM (K_i=390 nM). SPA70 can enhance the chemosensitivity of cancer cells^[1].

IC₅₀ & Target

IC₅₀: 540 nM (hPXR)^[1]

REFERENCES

[1]. Lin W, et, al. SPA70 is a potent antagonist of human pregnane X receptor. Nat Commun. 2017 Sep 29;8(1):741.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA