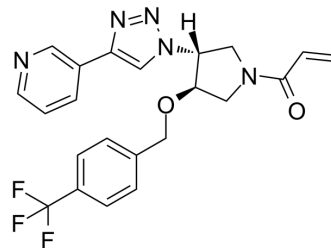


MYF-03-69

Cat. No.:	HY-147135
CAS No.:	2416418-11-4
Molecular Formula:	C ₂₂ H ₂₀ F ₃ N ₅ O ₂
Molecular Weight:	443.42
Target:	YAP
Pathway:	Stem Cell/Wnt
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (225.52 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2552 mL	11.2760 mL	22.5520 mL
	5 mM	0.4510 mL	2.2552 mL	4.5104 mL
	10 mM	0.2255 mL	1.1276 mL	2.2552 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (5.64 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (5.64 mM); Suspended solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

MYF-03-69 (TEAD-IN-3) is a potent and irreversible TEAD inhibitor. MYF-03-69 disrupts YAP-TEAD association, suppresses TEAD transcriptional activity and inhibits cell growth of Hippo signaling defective malignant pleural mesothelioma (MPM)^[1].

REFERENCES

- [1]. Mengyang Fan, et al. Covalent disruptor of YAP-TEAD association suppresses defective Hippo signaling. *Elife*. 2022 Oct 27;11:e78810.

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