

Product Data Sheet

YAP-TEAD-IN-2

Cat. No.: HY-151525 CAS No.: 2714432-83-2 Molecular Formula: $C_{25}H_{24}ClFN_2O_4$

Molecular Weight: 470.92 Target: YAP

Pathway: Stem Cell/Wnt

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

SOLVENT & SOLUBILITY

In Vitro

DMSO: 100 mg/mL (212.35 mM; Need ultrasonic)

	Solvent Mass Concentration	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1235 mL	10.6175 mL	21.2350 mL
Stock Solutions	5 mM	0.4247 mL	2.1235 mL	4.2470 mL
	10 mM	0.2124 mL	1.0618 mL	2.1235 mL

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

In Vivo

- 1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 2.5 mg/mL (5.31 mM); Clear solution; Need ultrasonic
- 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE- β -CD in saline) Solubility: 2.5 mg/mL (5.31 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: 2.5 mg/mL (5.31 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description YAP-TEAD-IN-2 (compound 6) is a potent YAP-TEAD PPI (protein-protein interaction) inhibitor with IC_{50} is 2.7 nM^[1].

In Vitro YAP-TEAD-IN-2

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only. Tel: 609-228-6888 Fax: 609-228-5909 E-mail: help@Medichemtxpress.com Address: 1 Deer Park Dr., Suite Q, Monmouth Junction, NJ 08852, USA	1]. Furet P, et al. The First Class	of Small Molecules Potent	L D' L' LL VAD TEADL L		
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			tly Disrupting the YAP-1EAD Interac	tion by Direct Competition. ChemMedChem. 2022 Oct 6;17(19):e	202200303.
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