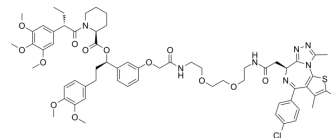


NICE-01

Cat. No.:	HY-156214
CAS No.:	2982819-94-1
Molecular Formula:	C ₆₃ H ₇₆ ClN ₇ O ₁₃ S
Molecular Weight:	1206.83
Target:	Others
Pathway:	Others
Storage:	-20°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 (82.86 mM; Need ultrasonic)				
	Preparing Stock Solutions	<div>Solvent Concentration</div> <div>Mass</div>	1 mg	5 mg	10 mg
		1 mM	0.8286 mL	4.1431 mL	8.2862 mL
		5 mM	0.1657 mL	0.8286 mL	1.6572 mL
		10 mM	0.0829 mL	0.4143 mL	0.8286 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 (2.07 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.07 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	NICE-01 (AP1867-PEG2-JQ1; AP-PEG2-JQ1) is a bifunctional compound that bind to proteins in separate cellular compartments that can induce nuclear import of cytosolic cargoes, using nuclear-localized bromodomain-containing protein 4 (BRD4) as a “carrier” for co-import and nuclear trapping of cytosolic proteins ^[1] .
-------------	---

REFERENCES

[1]. William J. Gibson, et al. Bifunctional small molecules that induce nuclear localization and targeted transcriptional regulation. Version 1. bioRxiv. Preprint. 2023 Jul 7.

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