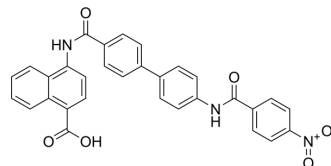


DRI-C25441

Cat. No.:	HY-154822		
CAS No.:	2101765-83-5		
Molecular Formula:	C ₃₁ H ₂₁ N ₃ O ₆		
Molecular Weight:	532		
Target:	TNF Receptor		
Pathway:	Apoptosis		
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 (187.97 mM; ultrasonic and warming and heat to 80°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.8797 mL	9.3985 mL	18.7970 mL
		5 mM	0.3759 mL	1.8797 mL	3.7594 mL
10 mM		0.1880 mL	0.9398 mL	1.8797 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (4.70 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	DRI-C25441 is a potent blocker of CD40 and CD40L interaction, with an IC ₅₀ of 0.36 μM. DRI-C25441 can inhibit the immune response induced by alloantigen ^[1] .
IC ₅₀ & Target	CD40 0.36 μM (IC ₅₀)

REFERENCES

[1]. Lu H, et, al. Recent advances in the development of protein-protein interactions modulators: mechanisms and clinical trials. Signal Transduct Target Ther. 2020 Sep 23;5(1):213.

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