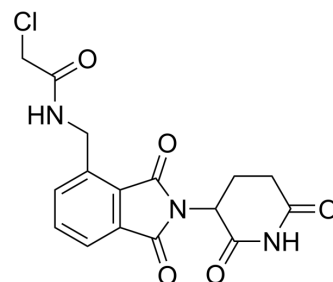


TNF- α -IN-1

Cat. No.:	HY-112275		
CAS No.:	444287-49-4		
Molecular Formula:	C ₁₆ H ₁₄ ClN ₃ O ₅		
Molecular Weight:	363.75		
Target:	TNF Receptor		
Pathway:	Apoptosis		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 200 mg/mL (549.83 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
	Preparing Stock Solutions		10 mg	
	1 mM	2.7491 mL	13.7457 mL	27.4914 mL
	5 mM	0.5498 mL	2.7491 mL	5.4983 mL
	10 mM	0.2749 mL	1.3746 mL	2.7491 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: ≥ 5 mg/mL (13.75 mM); Clear solution			
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (13.75 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	TNF- α -IN-1 is a TNF- α inhibitor extracted from patent US20030096841A1, compound example I-7.
IC ₅₀ & Target	TNF- α ^[1]

CUSTOMER VALIDATION

- Appl Bionics Biomech. 16 Aug 2022.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Robarge M, et al. Isoindole-imide compounds, compositions, and uses thereof. US20030096841A1

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

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