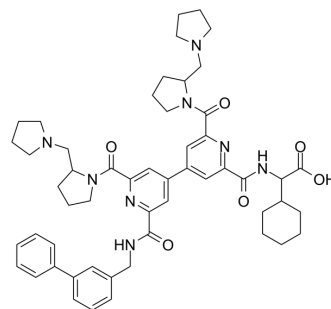


(Rac)-BIO8898

Cat. No.:	HY-122663		
CAS No.:	402564-79-8		
Molecular Formula:	C ₅₃ H ₆₄ N ₈ O ₆		
Molecular Weight:	909.13		
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 (110.00 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.1000 mL	5.4998 mL	10.9995 mL
	5 mM	0.2200 mL	1.1000 mL	2.1999 mL
	10 mM	0.1100 mL	0.5500 mL	1.1000 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 (2.75 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (2.75 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: 2.5 mg/mL (2.75 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

(Rac)-BIO8898 is a CD40-CD154 co-stimulatory interaction inhibitor. (Rac)-BIO8898 inhibits CD154 binding to CD40-Ig with an IC₅₀ of 25 μM^[1].

REFERENCES

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

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