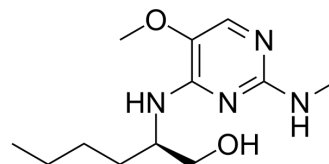


Interferon receptor inducer-1

Cat. No.:	HY-112189		
CAS No.:	2215120-36-6		
Molecular Formula:	C ₁₂ H ₂₂ N ₄ O ₂		
Molecular Weight:	254.33		
Target:	IFNAR		
Pathway:	Immunology/Inflammation		
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 : 50 mg/mL (196.59 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.9319 mL	19.6595 mL	39.3190 mL
	5 mM	0.7864 mL	3.9319 mL	7.8638 mL
	10 mM	0.3932 mL	1.9659 mL	3.9319 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: ≥ 2.75 mg/mL (10.81 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.75 mg/mL (10.81 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.75 mg/mL (10.81 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Interferon receptor inducer-1 (compound 6) is an interferon (IFN) receptor inducer. Used accordingly in the treatment of a disorder in which the induction of interferon is involved^[1].

REFERENCES

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

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