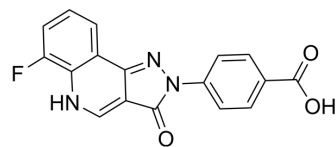


CD80-IN-3

Cat. No.:	HY-100891		
CAS No.:	486449-65-4		
Molecular Formula:	C ₁₇ H ₁₀ FN ₃ O ₃		
Molecular Weight:	323.28		
Target:	CD28		
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 : 35.71 mg/mL (110.46 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.0933 mL	15.4665 mL	30.9329 mL
	5 mM	0.6187 mL	3.0933 mL	6.1866 mL
	10 mM	0.3093 mL	1.5466 mL	3.0933 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

CD80-IN-3, a potent CD80 inhibitor, inhibits CD80/CD28 interaction with an EC₅₀ of 630 nM and a K_d of 125 nM.

REFERENCES

[1]. Huxley P, et al. High-affinity small molecule inhibitors of T cell costimulation: compounds for immunotherapy. Chem Biol. 2004 Dec;11(12):1651-8.

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

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