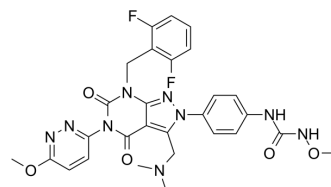


## GnRH antagonist 2

<b>Cat. No.:</b>	HY-134864		
<b>CAS No.:</b>	1709823-61-9		
<b>Molecular Formula:</b>	C <sub>28</sub> H <sub>27</sub> F <sub>2</sub> N <sub>9</sub> O <sub>5</sub>		
<b>Molecular Weight:</b>	607.57		
<b>Target:</b>	GnRH Receptor		
<b>Pathway:</b>	GPCR/G Protein		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 150 mg/mL (246.89 mM; ultrasonic and warming and heat to 60°C)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.6459 mL	8.2295 mL	16.4590 mL
	5 mM	0.3292 mL	1.6459 mL	3.2918 mL
	10 mM	0.1646 mL	0.8230 mL	1.6459 mL

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

### BIOLOGICAL ACTIVITY

#### Description

GnRH antagonist 2 (formula I) is a GnRH receptor antagonist that can be used for endometriosis research<sup>[1]</sup>.

### REFERENCES

[1]. Quanliang Zhang, et al. Crystalline form of gnrh receptor antagonist and preparation method therefor. WO2018086608A1.

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

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