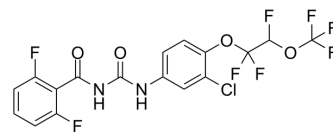


## Novaluron

Cat. No.:	HY-17519		
CAS No.:	116714-46-6		
Molecular Formula:	C <sub>17</sub> H <sub>9</sub> ClF <sub>8</sub> N <sub>2</sub> O <sub>4</sub>		
Molecular Weight:	492.7		
Target:	Others		
Pathway:	Others		
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 : 120 mg/mL (243.56 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		2.0296 mL	10.1482 mL	20.2963 mL
		5 mM		0.4059 mL	2.0296 mL	4.0593 mL
		10 mM		0.2030 mL	1.0148 mL	2.0296 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: 3 mg/mL (6.09 mM); Suspended solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 3 mg/mL (6.09 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	Novaluron is a chemical with pesticide properties, belonging to the class of insecticides called insect growth regulators.
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### REFERENCES

[1]. Novaluron, From Wikipedia

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

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