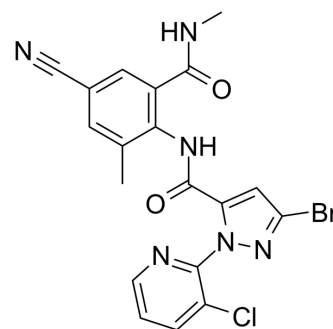


Cyantraniliprole

Cat. No.:	HY-12779		
CAS No.:	736994-63-1		
Molecular Formula:	C ₁₉ H ₁₄ BrClN ₆ O ₂		
Molecular Weight:	473.71		
Target:	Others		
Pathway:	Others		
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 : 50 mg/mL (105.55 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.1110 mL	10.5550 mL	21.1100 mL
		5 mM	0.4222 mL	2.1110 mL	4.2220 mL
10 mM		0.2111 mL	1.0555 mL	2.1110 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: ≥ 2.5 mg/mL (5.28 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.28 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Cyantraniliprole(HGW-86) is an insecticide of the ryanoid class; has activity against pests such as Diaphorina citri that have developed resistance to other classes insecticides.
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Caution: Product has not been fully validated for medical applications. For research use only.

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