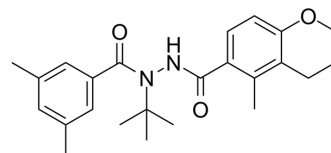


## Chromafenozide

<b>Cat. No.:</b>	HY-17533		
<b>CAS No.:</b>	143807-66-3		
<b>Molecular Formula:</b>	C <sub>24</sub> H <sub>30</sub> N <sub>2</sub> O <sub>3</sub>		
<b>Molecular Weight:</b>	394.51		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 250 mg/mL (633.70 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.5348 mL	12.6740 mL	25.3479 mL
5 mM	0.5070 mL	2.5348 mL	5.0696 mL
10 mM	0.2535 mL	1.2674 mL	2.5348 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: ≥ 2.08 mg/mL (5.27 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.08 mg/mL (5.27 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Chromafenozide (ANS118) is a lepidopteran insecticide; it is highly effective in controlling various lepidopteran pests.

### CUSTOMER VALIDATION

- J Neurogastroenterol Motil. 2018 Oct 1;24(4):643-655.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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

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