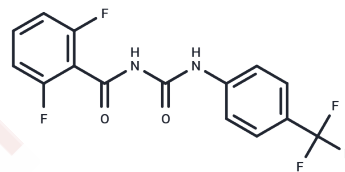


## Penfluron

## Chemical Properties

CAS No. :	35367-31-8
Formula:	C <sub>15</sub> H <sub>9</sub> F <sub>5</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	344.24
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Penfluron is an insect growth regulator with chitin inhibitory activity. It decreases the total hemocyte count (THC) in <i>Dysdercus koenigii</i> .
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.905 mL	14.5248 mL	29.0495 mL
5 mM	0.581 mL	2.905 mL	5.8099 mL
10 mM	0.2905 mL	1.4525 mL	2.905 mL
50 mM	0.0581 mL	0.2905 mL	0.581 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481