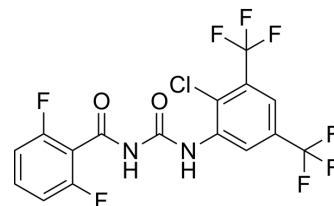


Bistrifluron

Cat. No.:	HY-119902		
CAS No.:	201593-84-2		
Molecular Formula:	C ₁₆ H ₇ ClF ₈ N ₂ O ₂		
Molecular Weight:	446.68		
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 : 250 mg/mL (559.68 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.2387 mL	11.1937 mL	22.3874 mL
5 mM	0.4477 mL	2.2387 mL	4.4775 mL
10 mM	0.2239 mL	1.1194 mL	2.2387 mL

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

BIOLOGICAL ACTIVITY

Description

Bistrifluron has insecticidal effects on the larval stage, and also has an effect on adult longevity, reproduction, and hatchability. Bistrifluron is used for the control of a variety of Lepidopterous pests^[1].

REFERENCES

[1]. Min-Ki Kim, et al. Insecticidal Properties of Bistrifluron, Benzoylphenylurea Insecticide, against Cotton Caterpillar, *Palpita indica* (Lepidoptera: Pyralidae). *Journal of Asia-Pacific Entomology*. Volume 10, Issue 3, September 2007, Pages 269-274

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA