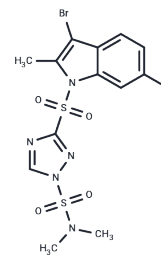


## Amisulbrom

## Chemical Properties

CAS No. :	348635-87-0
Formula:	C <sub>13</sub> H <sub>13</sub> BrFN <sub>5</sub> O <sub>4</sub> S <sub>2</sub>
Molecular Weight:	466.31
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	Amisulbrom is classified under the triazole group of fungicides.
Targets(IC50)	Others, Mitochondrial Metabolism, Antifungal

## Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1445 mL	10.7225 mL	21.445 mL
5 mM	0.4289 mL	2.1445 mL	4.289 mL
10 mM	0.2144 mL	1.0722 mL	2.1445 mL
50 mM	0.0429 mL	0.2144 mL	0.4289 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.

Reference

Fontaine S, Remuson F, Caddoux L, Barrès B. Investigation of the sensitivity of *Plasmopara viticola* to amisulbrom and ametoctradin in French vineyards using bioassays and molecular tools. *Pest Manag Sci*. 2019 Aug;75(8):2115-2123. doi: 10.1002/ps.5461. Epub 2019 Jun 9. PubMed PMID: 31077540.

Kabir MH, Abd El-Aty AM, Rahman MM, Chung HS, Lee HS, Park SH, Hacımüftüoğlu F, Chang BJ, Shin HC, Shim JH. Dissipation pattern and risk quotients assessment of amisulbrom in Korean melon cultivated in plastic house conditions. *Environ Monit Assess*. 2017 Jun;189(6):302. doi: 10.1007/s10661-017-6017-0. Epub 2017 May 30. PubMed PMID: 28560618.

**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