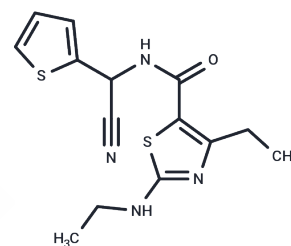


Ethaboxam

Chemical Properties

CAS No. :	162650-77-3
Formula:	C ₁₄ H ₁₆ N ₄ O ₂ S
Molecular Weight:	320.43
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	Ethaboxam is a β -tubulin inhibitor and antifungal agent used against oomycete pathogens.
Targets(IC50)	Microtubule Associated,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1208 mL	15.604 mL	31.2081 mL
5 mM	0.6242 mL	3.1208 mL	6.2416 mL
10 mM	0.3121 mL	1.5604 mL	3.1208 mL
50 mM	0.0624 mL	0.3121 mL	0.6242 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

Qin Peng, et al. Point Mutations in the β -Tubulin of *Phytophthora sojae* Confer Resistance to Ethaboxam. *Phytopathology*. 2019 Dec;109(12):2096-2106.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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