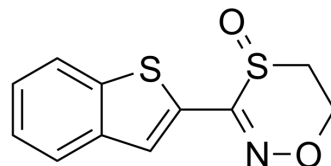


## Bethoxazin

Cat. No.:	HY-17525
CAS No.:	163269-30-5
Molecular Formula:	C <sub>11</sub> H <sub>9</sub> NO <sub>2</sub> S <sub>2</sub>
Molecular Weight:	251.32
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Bethoxazin(Bethoguard) is a new broad spectrum industrial microbicide with applications in material and coating preservation.IC50 value:Target: MicrobicideBethoxazin potently inhibited the catalytic activity of yeast DNA topoisomerase II and the growth of yeast BY4742 cells at low micromolar concentrations. bethoxazin may exert its microbicidal action by reacting with sensitive endogenous sulfhydryl biomolecules of microbial cells.

### REFERENCES

[1]. Chee GL, et al. Chemical reactivity and microbicidal action of bethoxazin. Bioorg Med Chem. 2012 Feb 15;20(4):1494-501.

**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