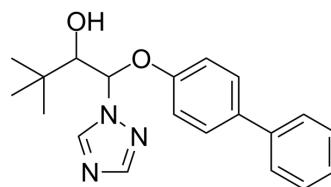


## Bitertanol

Cat. No.:	HY-118216
CAS No.:	55179-31-2
Molecular Formula:	C <sub>20</sub> H <sub>23</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	337.42
Target:	Fungal; Cytochrome P450
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Bitertanol (Biloxazol) is a potent antifungal agent. Bitertanol also is an CYP1A1, CYP2B, and CYP3A inducer in vivo and an CYP1A inhibitor in vitro<sup>[1][2]</sup>.

### REFERENCES

[1]. Li L, et al. Stereoselective Separation of the Fungicide Bitertanol Stereoisomers by High-Performance Liquid Chromatography and Their Degradation in Cucumber. J Agric Food Chem. 2018 Dec 19;66(50):13303-13309.

[2]. Chan PK, et al. Induction and inhibition of cytochrome P450-dependent monooxygenases of rats by fungicide bitertanol. Food Chem Toxicol. 2006 Dec;44(12):2047-57.

**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