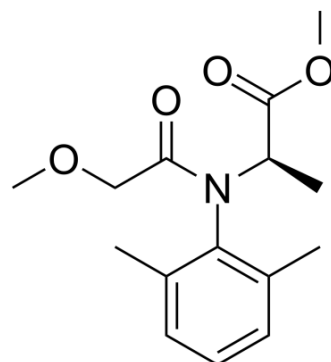


## Metalaxyl-M

Cat. No.:	HY-B0843A
CAS No.:	70630-17-0
Molecular Formula:	C <sub>15</sub> H <sub>21</sub> NO <sub>4</sub>
Molecular Weight:	279.33
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Metalaxyl-M ((R)-Metalaxyl) is the active (R)-enantiomer of Metalaxyl. Metalaxyl-M is a broad-spectrum fungicide that inhibits protein and ribosomal RNA synthesis in fungi. Metalaxyl is used for research of plant diseases caused by pathogens of the Oomycota division <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC50: fungi <sup>[1]</sup>

### REFERENCES

[1]. Yinjun Zhang, et al. Bio-preparation of (R)-DMPM using whole cells of *Pseudochrobactrum asaccharolyticum* WZZ003 and its application on kilogram-scale synthesis of fungicide (R)-metalaxyl. *Biotechnol Prog*

**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