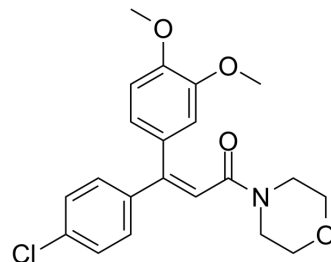


Dimethomorph

Cat. No.:	HY-B0846
CAS No.:	110488-70-5
Molecular Formula:	C ₂₁ H ₂₂ ClNO ₄
Molecular Weight:	387.86
Target:	Fungal; Androgen Receptor
Pathway:	Anti-infection; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Dimethomorph is a morpholine fungicide that inhibits fungal cell wall formation. Dimethomorph inhibits mycelial growth of the oomycete fungi, *P. citrophthora*, *P. parasitica*, *P. capsici*, and *P. infestans* (EC₅₀s=0.1, 0.38, <0.1, and 0.16-0.3 µg/mL, respectively), but is less active against the green algae species *C. vulgaris* or *S. obliquus* in vitro (EC₅₀s=47.46 and 44.87 µg/mL, respectively). Dimethomorph inhibits androgen receptor (AR) activity in a reporter assay in MDA-kb2 human breast cancer cells but not in a yeast antiandrogen screen (IC₂₀s=0.263 and 38.5 µM, respectively).

Caution: Product has not been fully validated for medical applications. For research use only.

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