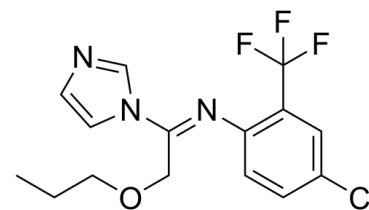


Data Sheet

Product Name:	Triflumizole
Cat. No.:	CS-0031861
CAS No.:	68694-11-1
Molecular Formula:	C ₁₅ H ₁₅ ClF ₃ N ₃ O
Molecular Weight:	345.75
Target:	Fungal
Pathway:	Anti-infection
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Triflumizole is one of imidazole fungicides that works by inhibiting ergosterol biosynthesis, and is widely used for the control of powdery mildew and scabs on various fruits and crops^[1].

References:

[1]. Jiejun Xi, et al. Acute toxicity of triflumizole to freshwater green algae *Chlorella vulgaris*. *Pestic Biochem Physiol.* 2019 Jul;158:135-142.

CAIndexNames:

Benzenamine, 4-chloro-N-[1-(1H-imidazol-1-yl)-2-propoxyethylidene]-2-(trifluoromethyl)-, [N(E)]-

SMILES:

CCCOC/C(N1C=CN=C1)=N/C2=C(C(F)(F)F)C=C(Cl)C=C2

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

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