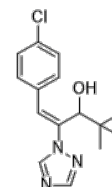


Product Name : Uniconazole
Cat. No. : PC-27438
CAS No. : 83657-22-1
Molecular Formula : C₁₅H₁₈ClN₃O
Molecular Weight : 291.78
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Uniconazole is a plant growth retardant and potent inhibitor of abscisic acid (ABA) catabolism in Arabidopsis with IC₅₀ of 68 nM for ABA 8'-hydroxylase, also is a potent competitive inhibitor of CYP707A3 activity with K_i of 8 nM, inhibits gibberellin biosynthesis.

References

- Ilan A, et al. Plant Cell Rep. 1992 Jun;11(5-6):304-9.
Rademacher W. Plant Physiol. 1992 Oct;100(2):625-9. doi: 10.1104/pp.100.2.625.
Saito S, et al. . Biosci Biotechnol Biochem. 2006 Jul;70(7):1731-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com