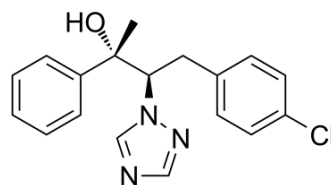


Brassinazole

Cat. No.:	HY-121161A
CAS No.:	280129-83-1
Molecular Formula:	C ₁₈ H ₁₈ ClN ₃ O
Molecular Weight:	327.81
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Brassinazole is a selective triazole-type brassinosteroid (BR) biosynthesis inhibitor. Brassinazole is used for regulating plant growth and development ^[1] .
In Vitro	Brassinazole (0.5, 1, 5 μM) markedly causes malformation of seedlings, which becomes morphologically similar to BR-deficient mutants. Brassinazole-treated cress also shows dwarfism, with alters leaf morphology, including the downward curling and dark green color typical of Arabidopsis BR-deficient mutants, and this dwarfism is reversed by the application of 10 nM brassinolide ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. T Asami, et al. Characterization of Brassinazole, a Triazole-Type Brassinosteroid Biosynthesis Inhibitor. *Plant Physiol.* 2000 May;123(1):93-100.

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

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