

Table S1: Compounds interfering with sterol and BR biosynthesis

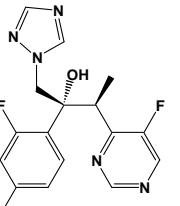
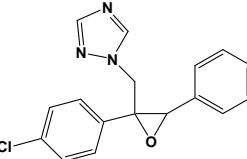
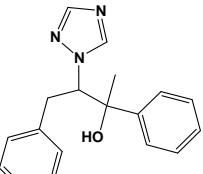
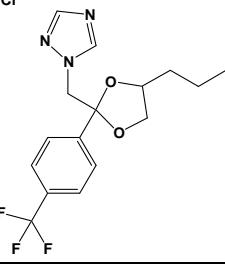
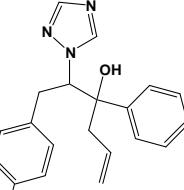
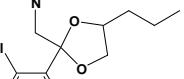
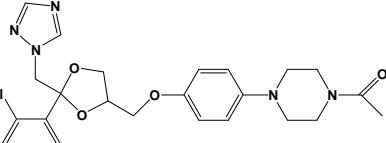
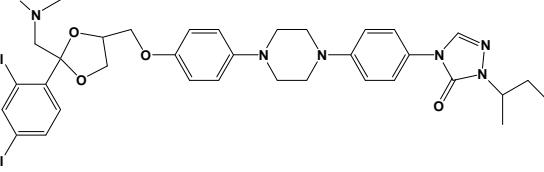
Compound	Structure	Evidence [Reference]	Availability
Compounds targeting CYP51	Voriconazol 	Sterol, BR and GA profile, expression of a resistant CYP51 variant, hypocotyl elongation and rescue assays [This study]	Pfizer (Vfend)
	LAB 170250F 	Sterol profile, expression of a resistant CYP51 variant [3]	Not commercially available
Compounds targeting DWF4	Brassinazole 	Hypocotyl elongation and rescue assays [1], binding of Brassinazole to DWF4 [2]	TCI (no. B2829)
	Brz220 	Hypocotyl elongation and rescue assays [6], binding of Brz220 to DWF4 [8]	Not commercially available

Table S1: Compounds interfering with sterol and BR biosynthesis (continuation)

Compound	Structure	Evidence [Reference]	Availability
Brz2001		Hypocotyl elongation and rescue assays with 24-epiBL and GA ₃ . The structural similarity to brassinazole suggests DWF4 as a potential target [7]	Not commercially available
Propiconazole		Hypocotyl elongation and rescue assays with 24-epiBL and GA ₃ [6,4]. DWF4 might be the molecular target of propiconazole [4]	Santa Cruz Biotechnology (sc-250786) Sigma-Aldrich (no. 45642) Toronto Research Chemicals (no. P770100)
Ketoconazole		Hypocotyl elongation and rescue assays with 24-epiBL and GA ₃ [5]	Enzo Life Sciences (no. BML-EI107) LKT Laboratories (no. K1676) Sigma-Aldrich (no. 45642)
Itraconazole		Hypocotyl elongation assays [This study]	Biovision (no. 1987-50) LKT Laboratories (no. I7870) Sigma-Aldrich (no. I6657)

Compounds with unknown targets

References

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4. Hartwig T, Corvalan C, Best NB, Budka JS, Zhu JY, et al. (2012) Propiconazole is a specific and accessible brassinosteroid (BR) biosynthesis inhibitor for arabidopsis and maize. *PLoS One* 7: e36625.
5. Oh K, Yamada K, Asami T, Yoshizawa Y (2012) Synthesis of novel brassinosteroid biosynthesis inhibitors based on the ketoconazole scaffold. *Bioorg Med Chem Lett* 22: 1625-1628.
6. Sekimata K, Han SY, Yoneyama K, Takeuchi Y, Yoshida S, et al. (2002) A specific and potent inhibitor of brassinosteroid biosynthesis possessing a dioxolane ring. *J Agric Food Chem* 50: 3486-3490.
7. Sekimata K, Kimura T, Kaneko I, Nakano T, Yoneyama K, et al. (2001) A specific brassinosteroid biosynthesis inhibitor, Brz2001: evaluation of its effects on Arabidopsis, cress, tobacco, and rice. *Planta* 213: 716-721.
8. Sekimata K, Ohnishi T, Mizutani M, Todoroki Y, Han SY, et al. (2008) Brz220 interacts with DWF4, a cytochrome P450 monooxygenase in brassinosteroid biosynthesis, and exerts biological activity. *Biosci Biotechnol Biochem* 72: 7-12.