

Supplementary Information

Table S1. IC₅₀ used for the calculation of the activities reported in Figures 3 and 4.

IC ₅₀ (µg/mL) ^a					
Growth stages	Tissues	Dora		Record	
		Organic soil	IPM	Organic soil	IPM
Quiescence	leaves	17.5	16.2	10.4	12.9
	roots	19.6	25.0	19.6	19.6
	rhizomes	51.0	54.6	56.2	69.8
	buds	21.6	12.7	21.5	13.0
Flowering	leaves	11.0	22.0	19.4	23.3
	roots	40.1	46.8	34.2	26.9
	rhizomes	72.9	78.2	63.8	60.4
	buds	23.3	26.9	16.8	16.6
	flowers	39.7	31.9	28.0	33.2
Fructification	leaves	39.3	38.6	29.1	33.9
	roots	47.1	43.2	35.3	51.3
	rhizomes	97.5	139.6	148.8	147.0
	fruits	41.8	50.6	37.8	35.7

^a The IC₅₀ values reported in tables are the mean of duplicate experiments for each tissue × 4 individual plants.

Table S2. IC₅₀ used for the calculation of the activities reported in Figure 5.

IC ₅₀ (µg/mL) ^a					
	Day	Dora		Record	
		Normal	Drought	Normal	Drought
	0	11.4	31.5	40.3	37.5
	6	32.7	35.8	58.6	47.9
	12	58.1	27.8	49.8	42.2
	18	47.7	62.0	95.5	42.6
	24	44.2	50.2	98.8	58.2

^a The IC₅₀ values reported in tables are the mean of duplicate experiments for each tissue × 4 individual plants.