

SUPPLEMENTARY MATERIAL

MAO-A Inhibitory Potential of Terpene Constituents from Ginger Rhizomes – A Bioactivity Guided Fractionation

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	collective fractions 1-20	collective fractions 32-38	collective fractions 52-54	Purity [%]
mass	211 mg	284 mg	500 mg	
composition [%]				
γ-Terpinen			0.48%	92.90
1,8-Cineol		20.70%		95.40
α-Citronellal			1.38%	97.50
Borneol				96.10
Terpinen-4-ol			1.49%	95.90
Geraniol			6.74%	97.80
Geranial			11.10%	94.30
Isobornyl acetate		19.48%		98.30
Geranyl acetate		51.40%		95.90
α-Zingiberene	42.0%			97.10
(E,E)-α-Farnesene	20.3%			96.20
β-Sesquiphellandrene	9.11%			97.70

Table S1. The percentage composition of collective fractions and the purity of the finally obtained terpenes .

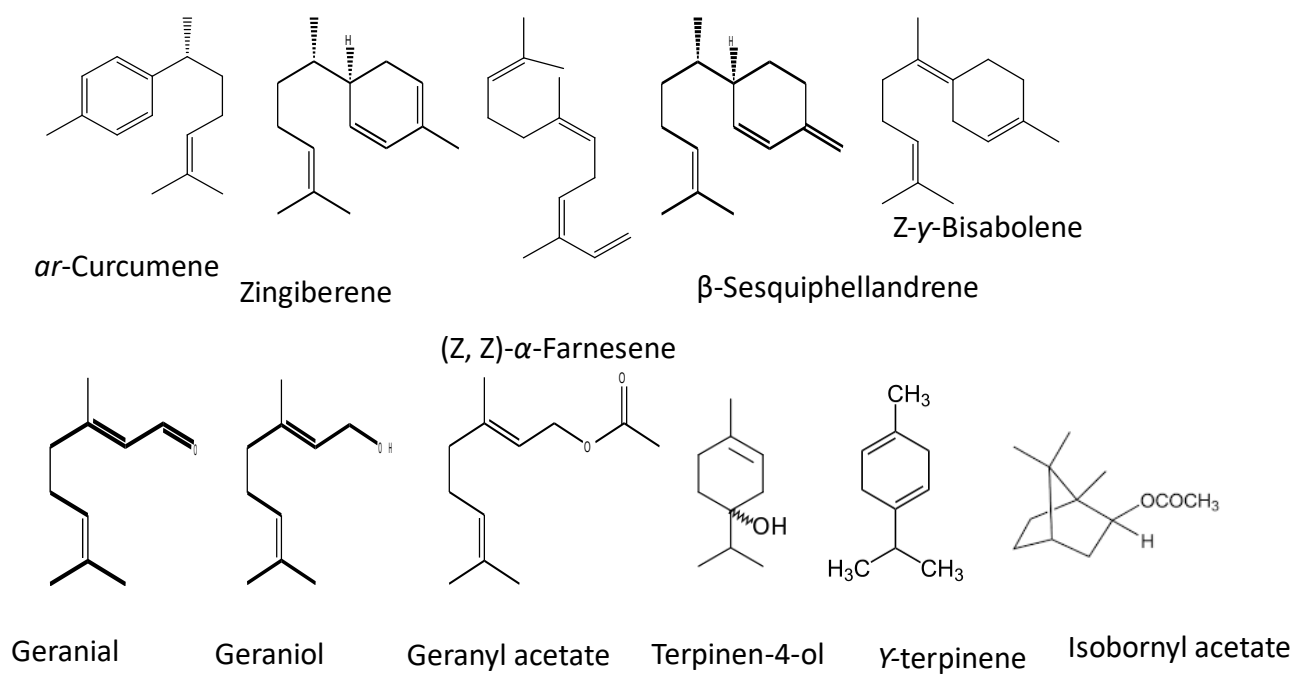


Figure S1. The structures of major terpene constituents of *Zingiber officinale* oleoresin.