Supporting information for:

Synthesis of cis and trans Davanoids:

Artemone, Hydroxydavanone, Isodavanone, and Nordavanone

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trans-davana acid ethyl ester (2)
trans-davana acid ethyl ester (2)
cis-artemone (3)
cis-artemone (3)
trans-artemone (4)
trans-artemone (4)
Weinreb amide 6
Cis-nordavanone (7)
cis-nordavanone (7)
trans-nordavanone (8)
trans-nordavanone (8)
trans-davanone (9)
ketophosphonate 10
ketophosphonate 10

[Chemical Structure Image]

[Graph Plot Image]
ketophosphonate 11
ketophosphonate 11
cis-isodavanone (13)
cis-isodavanone (13)
trans-isodavanone (14)
trans-isodavanone (14)
cis-hydroxydavanone (16)
cis-hydroxydavanone (16)
trans-hydroxydavanone (17)
trans-hydroxydavanone (17)

12.6622
27.72689
28.80041
29.5137
30.8485
31.8373
50.0543
71.1578
80.0799
83.1318
11.1515
125.314
143.746
152.3989
202.7697