



Accurate Mass: 360.15729
Percentage Composition: C 66.65%; H 6.71%; O 26.64%
Biological Source: Constit. of *Murraya paniculata*
Physical Description: Oil
Optical Rotation: $[\alpha]_D +40.9$ (c, 0.086 in CHCl_3)

>>**Variant:** (1' ξ ,2' ξ)-form

Molecular Formula: $\text{C}_{15}\text{H}_{16}\text{O}_5$
Molecular Weight: 276.288
Accurate Mass: 276.099775
Percentage Composition: C 65.21%; H 5.84%; O 28.95%

>>**Derivative:** $O^{1'}$ -Et
Synonym(s): Murraxocin. Murpanicin

CAS Registry Number: 113349-35-2
Extra CAS Registry Numbers(s): 88478-44-8

Molecular Formula: $\text{C}_{17}\text{H}_{20}\text{O}_5$
Molecular Weight: 304.342
Accurate Mass: 304.131075
Percentage Composition: C 67.09%; H 6.62%; O 26.29%
Biological Source: Constit. of *Murrya exotica* and *Murrya paniculata*
Physical Description: Cryst.
Melting Point: Mp 124-125°
Other Data: Murraxocin and Murpanicin are prob. identical but could be stereoisomers

>>**Derivative:** 1'-Ketone, 2'-Ac

CAS Registry Number: 144461-99-4

Molecular Formula: $\text{C}_{17}\text{H}_{16}\text{O}_6$
Molecular Weight: 316.31
Accurate Mass: 316.09469
Percentage Composition: C 64.55%; H 5.10%; O 30.35%
Biological Source: Constit. of *Phlebalium ralstonii*

>>**Derivative:** 3',4'-Dihydro, 1'-ketone
Synonym(s): Isomurranganone

Molecular Formula: $\text{C}_{15}\text{H}_{16}\text{O}_5$
Molecular Weight: 276.288
Accurate Mass: 276.099775
Percentage Composition: C 65.21%; H 5.84%; O 28.95%

>>**Derivative:** 3',4'-Dihydro, 1'-ketone, 2'-*O*-(3-methyl-2-butenoyl)
Synonym(s): Isomurranganone senecioate

CAS Registry Number: 112667-53-5

Molecular Formula: $\text{C}_{20}\text{H}_{22}\text{O}_6$
Molecular Weight: 358.39
Accurate Mass: 358.14164
Percentage Composition: C 67.03%; H 6.19%; O 26.79%
Biological Source: Constit. of *Murraya exotica*
Physical Description: Oil
Optical Rotation: $[\alpha]_D +60.6$ (c, 0.078 in CHCl_3)

>>**Derivative:** 2'-Deoxy, 1'-*O*-(3-methylbutanoyl)

CAS Registry Number: 192935-75-4