Accurate Mass: 456.39673
Percentage Composition: C 81.52%; H 11.47%; O 7.01%
Biological Source: Isol. from *Tillandsia usneoides*
Physical Description: Needles ($MeOH/Et_2O$) (as acetate)
Melting Point: Mp 152-154° (acetate)
Optical Rotation: $[\alpha]_D^{28}$+48 (c, 0.75 in $CHCl_3$) (acetate)

>>**Derivative:** 3-Ketone
Synonym(s): 25-Hydroxycycloart-23-en-3-one

CAS Registry Number: 148044-47-7

Molecular Formula: $C_{30}H_{48}O_2$
Molecular Weight: 440.708
Accurate Mass: 440.36543
Percentage Composition: C 81.76%; H 10.98%; O 7.26%
Biological Source: Constit. of *Guarea trichiloides*
Physical Description: Cryst.
Melting Point: Mp 116-118°
Optical Rotation: $[\alpha]_D^{25}$+15.3 (c, 1.9 in $CHCl_3$)

>>**Derivative:** 3-Ketone, 25-Me ether
Synonym(s): 25-Methoxycycloart-23-en-3-one

CAS Registry Number: 173866-02-9

Molecular Formula: $C_{31}H_{50}O_2$
Molecular Weight: 454.735
Accurate Mass: 454.38108
Percentage Composition: C 81.88%; H 11.08%; O 7.04%
Biological Source: Constit. of *Tillandsia usneoides*
Physical Description: Amorph. solid
Optical Rotation: $[\alpha]_D^{25}$+14 (c, 0.07 in $CHCl_3$)
UV: [neutral] λ_{max} 220 (log ε 3.1) (MeCN)

>>**Derivative:** 25-Hydroperoxide
Synonym(s): 25-Hydroperoxycycloart-23-en-3-ol

CAS Registry Number: 173740-54-0

Molecular Formula: $C_{30}H_{50}O_3$
Molecular Weight: 458.723
Accurate Mass: 458.375995
Percentage Composition: C 78.55%; H 10.99%; O 10.46%
Biological Source: Constit. of *Tillandsia recurvata* and *Xanthosoma robustum* (Araceae)
Physical Description: Needles (Et_2O/hexane)
Melting Point: Mp 138-139° (127-128°)
Optical Rotation: $[\alpha]_D^{25}$+32 (c, 0.43 in $CHCl_3$)

>>**Derivative:** 25-Hydroperoxide, 3-ketone
Synonym(s): 25-Hydroperoxycycloart-23-en-3-one

CAS Registry Number: 173866-03-0

Molecular Formula: $C_{30}H_{48}O_3$
Molecular Weight: 456.707
Accurate Mass: 456.360345
Percentage Composition: C 78.90%; H 10.59%; O 10.51%
Biological Source: Constit. of *Tillandsia usneoides*
Physical Description: Amorph. solid
Melting Point: Mp 25°
Optical Rotation: $[\alpha]_D^{25}$+19 (c, 0.13 in $CHCl_3$)
UV: [neutral] λ_{max} 222 (log ε 2.6) (MeCN)