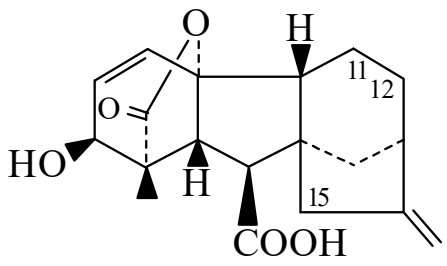
>>**Entry Name: Gibberellin A_7**
ENTRY UNDER REVIEW
Synonym(s): 13-Deoxygibberellin A_3



CAS Registry Number: 510-75-8
Related CAS Registry Numbers(s): 53663-71-1
Extra CAS Registry Numbers(s): 8065-43-8

Molecular Formula: $C_{19}H_{22}O_5$
Molecular Weight: 330.38
Accurate Mass: 330.146725
Percentage Composition: C 69.07%; H 6.71%; O 24.21%
Biological Source: Produced by *Gibberella fujikuroi*
Physical Description: Cryst. (Me_2CO/petrol)
Melting Point: Mp 202°
Optical Rotation: $[\alpha]_D^{21}$+20 (c, 0.5 in EtOH)
pKa Value: pK_{a1} 4.11 (25°)

Sigma: G7151

>>**Derivative:** 12α-Hydroxy
Synonym(s): Gibberellin A_{30}

CAS Registry Number: 32450-00-3

Molecular Formula: $C_{19}H_{22}O_6$
Molecular Weight: 346.379
Accurate Mass: 346.14164
Percentage Composition: C 65.88%; H 6.40%; O 27.71%

Physical Description: Cryst.
Melting Point: Mp 188-191°

>>**Derivative:** 15β-Hydroxy
Synonym(s): Gibberellin A_{68}

CAS Registry Number: 71177-41-8

Molecular Formula: $C_{19}H_{22}O_6$
Molecular Weight: 346.379
Accurate Mass: 346.14164
Percentage Composition: C 65.88%; H 6.40%; O 27.71%

>>**Derivative:** 11β-Hydroxy
Synonym(s): 11β-Hydroxygibberellin A_7

CAS Registry Number: 128053-62-3

Molecular Formula: $C_{19}H_{22}O_6$
Molecular Weight: 346.379
Accurate Mass: 346.14164
Percentage Composition: C 65.88%; H 6.40%; O 27.71%
Biological Source: Constit. of *Lolium temulentum* and *Eriobotrya japonica*