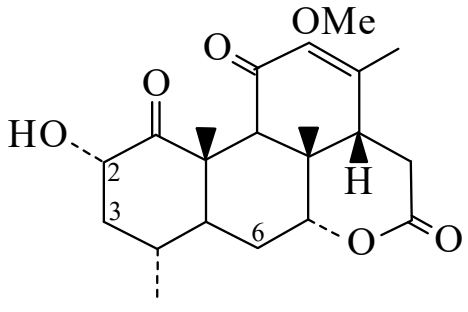
>>**Entry Name: Picrasin B**
Synonym(s): Nigakilactone I. Simalikalactone B



CAS Registry Number: 26121-56-2

Molecular Formula: $C_{21}H_{28}O_6$
Molecular Weight: 376.449
Accurate Mass: 376.18859
Percentage Composition: C 67.00%; H 7.50%; O 25.50%
Biological Source: Constit. of *Picrasma quassioides, Soulamea pancheri* and *Quassia africana*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 255-257°
Optical Rotation: $[\alpha]_D$ +16.4 ($CHCl_3$)

>>**Derivative:** 2-*O*-β-D-Glucopyranoside
Synonym(s): Picrasinoside A

CAS Registry Number: 83543-82-2

Molecular Formula: $C_{27}H_{38}O_{11}$
Molecular Weight: 538.591
Accurate Mass: 538.241415
Percentage Composition: C 60.21%; H 7.11%; O 32.68%
Biological Source: Constit. of bark of *Picrasma ailanthoides*
Physical Description: Cryst.
Melting Point: Mp 167.5-168.5°
Optical Rotation: $[\alpha]_D^{24}$–54 (c, 0.4 in Py)
Solubility: BERDY SOL: Sol. MeOH, $CHCl_3$; poorly sol. hexane
UV: [neutral] λ_{max} 252 (ε 8000) (EtOH) (Berdy)

>>**Derivative:** 6α-Hydroxy
Synonym(s): 6-Hydroxypicrasin B

CAS Registry Number: 30315-05-0

Molecular Formula: $C_{21}H_{28}O_7$
Molecular Weight: 392.448
Accurate Mass: 392.183505
Percentage Composition: C 64.27%; H 7.19%; O 28.54%
Biological Source: From *Soulamea pancheri*
Physical Description: Cryst.
Melting Point: Mp 285-290°
Optical Rotation: $[\alpha]_D$ –48.2 ($CHCl_3$)

>>**Derivative:** 2,3-Didehydro

CAS Registry Number: 26121-57-3

Molecular Formula: $C_{21}H_{26}O_6$
Molecular Weight: 374.433
Accurate Mass: 374.17294
Percentage Composition: C 67.36%; H 7.00%; O 25.64%
Biological Source: Constit. of *Soulamea muelleri*
Physical Description: Cryst. (MeOH)
Melting Point: Mp 248-250°
Optical Rotation: $[\alpha]_D^{22}$+31.1 (c, 0.9 in 2:1 MeOH/$CHCl_3$)

>>**Derivative:** 2,3-Didehydro, Me ether