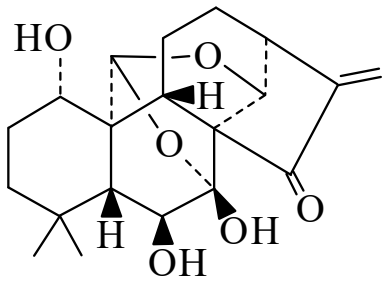
>>**Entry Name: Ponicidin**

Synonym(s): *ent*-7,20:14,20-Diepoxy-1β,6α,7-trihydroxy-16-kauren-15-one. Rubescensin B



CAS Registry Number: 52617-37-5

Molecular Formula: $C_{20}H_{26}O_6$
Molecular Weight: 362.422
Accurate Mass: 362.17294
Percentage Composition: C 66.28%; H 7.23%; O 26.49%
Biological Source: Bitter principle from *Isodon japonicus*, *Rabdosia rubescens* and *Rabdosia rosthornii*
Biological Use/Importance: Antineoplastic agent
Physical Description: Cryst. (MeOH)
Development Status: Has undergone clinical testing in China
Melting Point: Mp 238-241 dec.°
Optical Rotation: $[\alpha]_D^{17}$ –118 (c, 0.1 in Py)
Calculated Log P Data: Log P –1.42 (uncertain value) (calc)

>>**Derivative:** 16β,17-Dihydro

Synonym(s): *ent*-7,20:14,20-Diepoxy-1β,6α,7-trihydroxy-15-kauranone. **Xerophilusin C**

CAS Registry Number: 272459-38-8

Molecular Formula: $C_{20}H_{28}O_6$
Molecular Weight: 364.438
Accurate Mass: 364.18859
Percentage Composition: C 65.92%; H 7.74%; O 26.34%
Biological Source: Constit. of *Isodon xerophilus*
Physical Description: Cryst.

>>**Derivative:** 1-Deoxy

Synonym(s): *ent*-7,20:14,20-Diepoxy-6α,7-dihydroxy-16-kauren-15-one. **Xerophilusin B**

CAS Registry Number: 167894-15-7

Molecular Formula: $C_{20}H_{26}O_5$
Molecular Weight: 346.422
Accurate Mass: 346.178025
Percentage Composition: C 69.34%; H 7.56%; O 23.09%
Biological Source: Constit. of *Isodon xerophilus*
Physical Description: Needles (Me_2CO)
Melting Point: Mp 173-174°
Optical Rotation: $[\alpha]_D^{22}$ –150 (c, 0.46 in Py)
UV: [neutral] λ_{max} 231 (log ε 3.78) (MeOH)

>>**Derivative:** 1-Deoxy, 11β-hydroxy

Synonym(s): *ent*-7,20:14,20-Diepoxy-6α,7,11α-trihydroxy-16-kauren-15-one. **Macrocalin B**

CAS Registry Number: 93781-75-0

Molecular Formula: $C_{20}H_{26}O_6$
Molecular Weight: 362.422
Accurate Mass: 362.17294
Percentage Composition: C 66.28%; H 7.23%; O 26.49%
Biological Source: Isol. from leaves of *Rabdosia macrocalyx*
Solubility: BERDY SOL: Sol. MeOH, $CHCl_3$; poorly sol. H_2O, hexane
UV: [neutral] λ_{max} 238 (ε 5933) (EtOH) (Berdy)