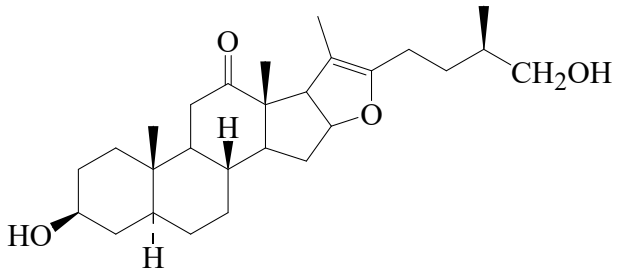
>>**Entry Name: 3,26-Dihydroxyfurost-20(22)-en-12-one**



Molecular Formula: $C_{27}H_{42}O_4$
Molecular Weight: 430.626
Accurate Mass: 430.30831
Percentage Composition: C 75.31%; H 9.83%; O 14.86%

>>**Variant:** (3β,5α,25*R*)-form

Molecular Formula: $C_{27}H_{42}O_4$
Molecular Weight: 430.626
Accurate Mass: 430.30831
Percentage Composition: C 75.31%; H 9.83%; O 14.86%

>>**Derivative:** 3-*O*-[β-D-Galactopyranosyl-(1→2)-β-D-glucopyranosyl-(1→4)-β-D-galactopyranoside], 26-*O*-β-D-glucopyranoside
Synonym(s): Terrestrosin K

CAS Registry Number: 193605-07-1

Molecular Formula: $C_{51}H_{82}O_{24}$
Molecular Weight: 1079.194
Accurate Mass: 1078.51961
Percentage Composition: C 56.76%; H 7.66%; O 35.58%
Biological Source: Constit. of *Tribulus terrestris*
Physical Description: Powder
Optical Rotation: $[\alpha]_D^{25}$+3.1 (c, 1.3 in Py)

>>**Variant:** (3β,24ξ)-form

Molecular Formula: $C_{27}H_{42}O_4$
Molecular Weight: 430.626
Accurate Mass: 430.30831
Percentage Composition: C 75.31%; H 9.83%; O 14.86%

>>**Derivative:** 3-*O*-[β-D-Xylopyranosyl-(1→3)-[β-D-galactopyranosyl-(1→2)]-β-D-glucopyranosyl-(1→4)-β-D-glucopyranoside], 26-*O*-β-D-glucopyranoside

CAS Registry Number: 180050-94-6

Molecular Formula: $C_{56}H_{90}O_{28}$
Molecular Weight: 1211.31
Accurate Mass: 1210.56187
Percentage Composition: C 55.53%; H 7.49%; O 36.98%
Biological Source: Constit. of *Tribulus terrestris*
Physical Description: Amorph. powder (EtOH)
Melting Point: Mp 218-220°
Optical Rotation: $[\alpha]_D$ +3.82 (c, 0.3 in Py)

References:

Wu, G. *et al.*, *Phytochemistry*, 1996, **42**, 1677-1681, *(isol, pmr, cmr)*
Wang, Y. *et al.*, *Phytochemistry*, 1997, **45**, 811-817, *(isol, pmr, cmr)*