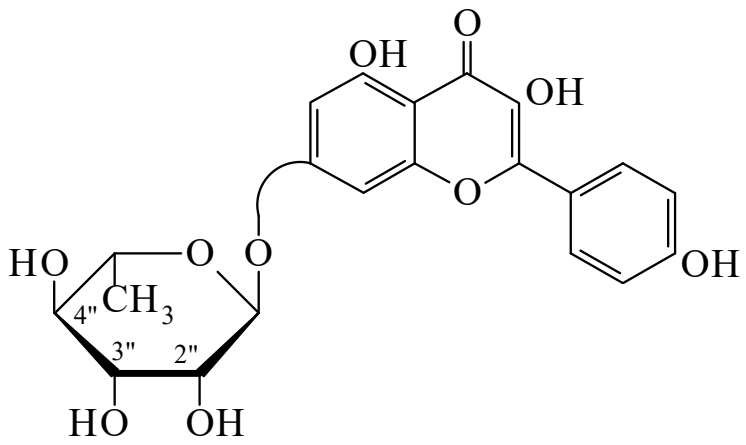
>>**Entry Name:** α-Rhamnoisorobin
ENTRY UNDER REVIEW
Synonym(s): 7-*O*-α-L-Rhamnopyranosyloxy-3,4',5-trihydroxyflavone. Kaempferol 7-rhamnoside



CAS Registry Number: 20196-89-8
Related CAS Registry Numbers(s): 66767-76-8 81992-85-0

Molecular Formula: $C_{21}H_{20}O_{10}$
Molecular Weight: 432.383
Accurate Mass: 432.10565
Percentage Composition: C 58.34%; H 4.66%; O 37.00%
Biological Source: Isol. from numerous plant spp.
Physical Description: Light yellow needles + $1H_2O$
Melting Point: Mp 221-223°

>>**Derivative:** 3-*O*-α-L-Arabinofuranoside

CAS Registry Number: 89946-00-9

Molecular Formula: $C_{26}H_{28}O_{14}$
Molecular Weight: 564.499
Accurate Mass: 564.14791
Percentage Composition: C 55.32%; H 5.00%; O 39.68%
Biological Source: Isol. from *Cinnamomum sieboldii* and *Woodsia polysticoides*
Physical Description: Pale yellow needles
Melting Point: Mp 179-185°
Optical Rotation: $[\alpha]_D^{23}$ –172 (c, 0.44 in Py)

>>**Derivative:** 3-*O*-(3-*O*-Acetyl-α-L-arabinofuranoside)

CAS Registry Number: 90332-30-2

Molecular Formula: $C_{28}H_{30}O_{15}$
Molecular Weight: 606.536
Accurate Mass: 606.158475
Percentage Composition: C 55.45%; H 4.99%; O 39.57%
Biological Source: Isol. from *Woodsia polysticoides*

>>**Derivative:** 3-*O*-α-L-Arabinopyranoside

CAS Registry Number: 71801-96-2

Molecular Formula: $C_{26}H_{28}O_{14}$
Molecular Weight: 564.499
Accurate Mass: 564.14791
Percentage Composition: C 55.32%; H 5.00%; O 39.68%
Biological Source: Isol. from *Asplenium trichomanes*