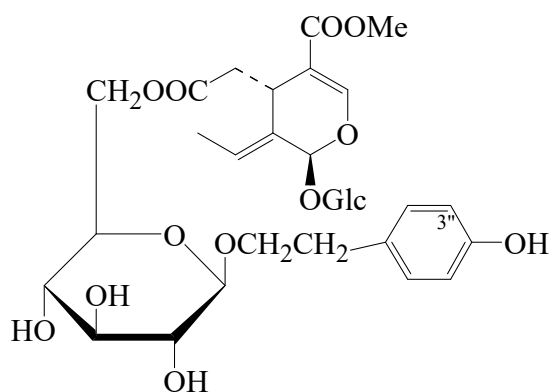




>>Entry Name: Nuezhenide

Synonym(s): Nucenide



CAS Registry Number: 39011-92-2

Molecular Formula: C₃₁H₄₂O₁₇

Molecular Weight: 686.663

Accurate Mass: 686.242205

Percentage Composition: C 54.22%; H 6.16%; O 39.61%

Biological Source: Isol. from ripe fruits of *Ligustrum lucidum* and *Ligustrum japonicum*

Physical Description: Cryst. (EtOH)

Melting Point: Mp 125-127°

Optical Rotation: $[\alpha]_D^{17} -150$ (c, 1 in MeOH)

>>Derivative: Octa-Ac

CAS Registry Number: 39032-09-2

Molecular Formula: C₄₇H₅₈O₂₅

Molecular Weight: 1022.96

Percentage Composition: C 55.18%; H 5.71%; O 39.10%

Physical Description: Syrup

>>Derivative: 3"-Hydroxy

Synonym(s): Neonuezhenide

CAS Registry Number: 96382-91-1

Molecular Formula: C₃₁H₄₂O₁₈

Molecular Weight: 702.662

Accurate Mass: 702.23712

Percentage Composition: C 52.99%; H 6.02%; O 40.99%

Biological Source: Constit. of *Ligustrum japonicum*

Physical Description: Cryst. (as nona-Ac)

Melting Point: Mp 85-86° (nona-Ac)

Optical Rotation: $[\alpha]_D -93.5$ (CHCl₃) (nona-Ac)

Other Data: Has 3,4-dihydroxyphenylethyl grouping

References:

Inouye, H. *et al.*, *Tetrahedron*, 1972, **28**, 4231, (*isol*)

Lalonde, R.T. *et al.*, *J.A.C.S.*, 1976, **98**, 3007, (*isol*)

Kikuchi, M. *et al.*, *CA*, 1985, **102**, 218342j, (*Neonuezhenide*)

Kurkin, V.A. *et al.*, *Khim. Prir. Soedin.*, 1994, **30**, 506-509; *Chem. Nat. Compd. (Engl. Transl.)*, 1994, **30**, 466-468, (*ms*)