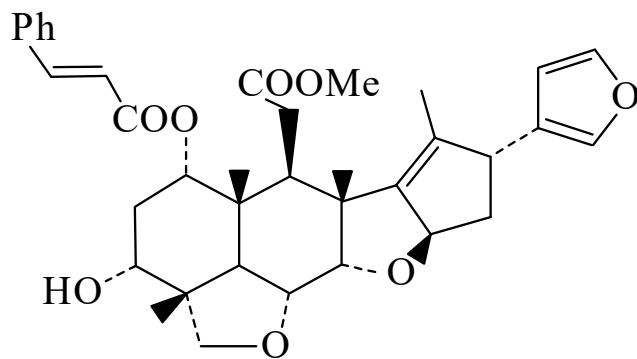




>>Entry Name: Ohchinin



CAS Registry Number: 67023-80-7

Molecular Formula: C₃₆H₄₂O₈

Molecular Weight: 602.723

Accurate Mass: 602.28797

Percentage Composition: C 71.74%; H 7.02%; O 21.24%

Biological Source: Constit. of *Melia azedarach*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 184-185°

Optical Rotation: [α]_D²³+64 (c, 0.17 in EtOH)

>>Derivative: Ac

Synonym(s): Ohchinin acetate

Molecular Formula: C₃₈H₄₄O₉

Molecular Weight: 644.76

Accurate Mass: 644.298535

Percentage Composition: C 70.79%; H 6.88%; O 22.33%

Biological Source: Constit. of *Melia azedarach*

Physical Description: Cryst. (Et₂O/CH₂Cl₂)

Melting Point: Mp 223-226°

Optical Rotation: [α]_D²³+227 (c, 0.23 in EtOH)

>>Derivative: 3-*O*-Tigloyl

Molecular Formula: C₄₁H₄₈O₉

Molecular Weight: 684.825

Accurate Mass: 684.329835

Percentage Composition: C 71.91%; H 7.06%; O 21.03%

Biological Source: Isol. from *Melia azedarach* fruits

References:

Fukuyama, Y. *et al.*, *Bull. Chem. Soc. Jpn.*, 1983, **56**, 1139

Kraus, W., *Stud. Org. Chem. (Amsterdam)*, 1986, **26**, 237, (tigloyl)