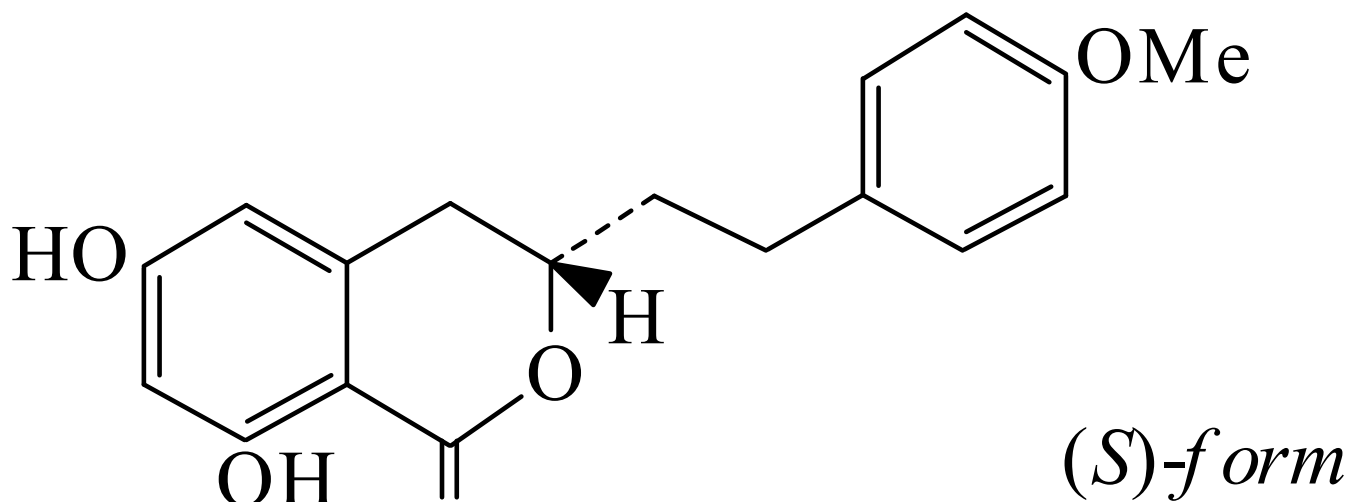




>>Entry Name: Agrimonolide

Synonym(s): 3,4-Dihydro-6,8-dihydroxy-3-[2-(4-methoxyphenyl)ethyl]-1*H*-2-benzopyran-1-one, 9Cl. 3,4-Dihydro-6,8-dihydroxy-3-(*p*-methoxyphenethyl)isocoumarin, 8Cl



Molecular Formula: C₁₈H₁₈O₅

Molecular Weight: 314.337

Accurate Mass: 314.115425

Percentage Composition: C 68.78%; H 5.77%; O 25.45%

Biological Use/Importance: Anthelmintic

Calculated Log P Data: Log P 3.85 (calc)

>>Variant: (*S*)-form

CAS Registry Number: 21499-24-1

Molecular Formula: C₁₈H₁₈O₅

Molecular Weight: 314.337

Accurate Mass: 314.115425

Percentage Composition: C 68.78%; H 5.77%; O 25.45%

Biological Source: Obt. from rhizome of *Agrimonia pilosa*

Physical Description: Columns (MeOH)

Melting Point: Mp 175.5-176.5°

Optical Rotation: $[\alpha]_D^{18} +8.1$ (c, 3.22 in Me₂CO)

Other Data: Pharmacol. active isomer