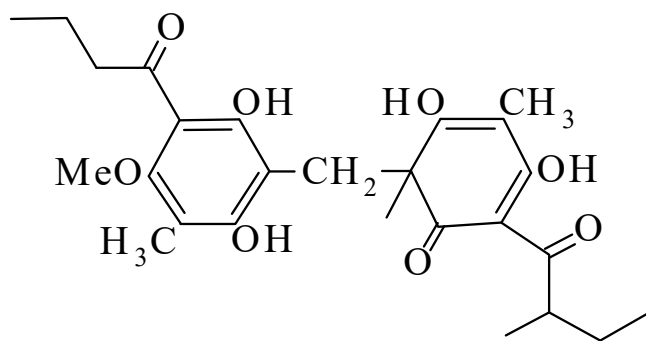




>>Entry Name: Agrimophol



CAS Registry Number: 65792-05-4

Molecular Formula: C₂₆H₃₄O₈

Molecular Weight: 474.55

Accurate Mass: 474.22537

Percentage Composition: C 65.81%; H 7.22%; O 26.97%

Biological Source: Isol. from *Agrimonia pilosa*

Use/Importance: Anthelmintic (schistosomicide, teniacide)

Physical Description: Pale yellow-green cryst. (CHCl₃/petrol)

Melting Point: Mp 138.5-139°

Calculated Log P Data: Log P 4.22 (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 435 mg/kg

References:

Anon, *CA*, 1978, **88**, 104842; **89**, 20275, (*isol, synth, struct, uv, ir, pmr*)

Wang, G.-F. *et al.*, *CA*, 1979, **91**, 134167, (*props*)

Tang, Y. *et al.*, *CA*, 1982, **97**, 22919, (*cryst struct*)

Ri-yun, J., *Drugs of the Future*, 1983, **8**, 182, (*rev*)

Yamaki, M. *et al.*, *Planta Med.*, 1989, **55**, 169, (*isol*)