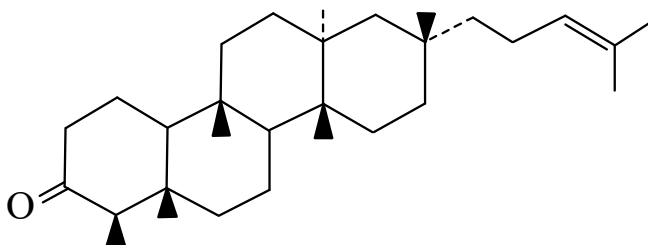




>>Entry Name: 21-Shinonen-3-one

Synonym(s): Shionone



CAS Registry Number: 10376-48-4

Molecular Formula: $C_{30}H_{50}O$

Molecular Weight: 426.724

Accurate Mass: 426.386165

Percentage Composition: C 84.44%; H 11.81%; O 3.75%

Biological Source: Constit. of the roots of *Aster tataricus*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 161-162°

Optical Rotation: $[\alpha]_D -56$ (c, 1.1 in $CHCl_3$)

References:

Tanahashi, Y. *et al.*, *Bull. Soc. Chim. Fr.*, 1964, 584; 1966, 2374, (*uv, ir, pmr, ms, ord*)

Takahashi, T. *et al.*, *Tet. Lett.*, 1967, 2997, (*struct*)

Ireland, R.E. *et al.*, *J.O.C.*, 1975, **40**, 990, (*synth*)

Nagao, T. *et al.*, *Chem. Pharm. Bull.*, 1988, **36**, 571, (*isol, pmr*)