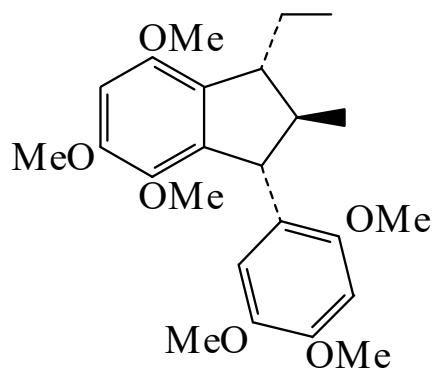




>>Entry Name: Diasarone 2

Synonym(s): 1-Ethyl-2,3-dihydro-4,5,7-trimethoxy-2-methyl-3-(2,4,5-trimethoxyphenyl)-1*H*-indene, 9Cl. γ -Diasarone



CAS Registry Number: 80434-33-9

Related CAS Registry Numbers(s): 101910-59-2 130746-43-9 137490-15-4

Molecular Formula: $C_{24}H_{32}O_6$

Molecular Weight: 416.513

Accurate Mass: 416.21989

Percentage Composition: C 69.21%; H 7.74%; O 23.05%

Biological Source: Isol. from rhizomes of *Acorus calamus*

Physical Description: Prisms

Melting Point: Mp 99-100° (84°)

References:

Lemini, C. *et al.*, *Org. Prep. Proced. Int.*, 1981, **13**, 374, (*synth*)

Bohlmann, F. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 1982, **315**, 474, (*struct*)

Saxena, D.B., *Phytochemistry*, 1986, **25**, 553, (*isol, struct, ir, pmr, cmr*)

Lemini, C. *et al.*, *Acta Cryst. C*, 1990, **46**, 1542, (*cryst struct*)

Al-Farhan, E. *et al.*, *J. Chem. Res., Synop.*, 1992, 36, (*synth, struct, pmr*)