



>>Derivative: Di-Me ether

Synonym(s): 1,3-Bis(4-methoxyphenyl)-2-propen-1-one. 4,4'-Dimethoxychalcone

CAS Registry Number: 2373-89-9

Molecular Formula: C₁₇H₁₆O₃

Molecular Weight: 268.312

Accurate Mass: 268.109945

Percentage Composition: C 76.10%; H 6.01%; O 17.89%

Physical Description: Pale yellow needles (MeOH)

Melting Point: Mp 102-103°

Rare Chemicals Library: S61723-7

>>Derivative: Di-Me ether, semicarbazone

Melting Point: Mp 177-178°

References:

Geissman, T.A. *et al.*, *J.A.C.S.*, 1946, **68**, 697, (*synth*)

Klinke, P. *et al.*, *Chem. Ber.*, 1961, **94**, 26, (*synth, uv*)

Jurd, L. *et al.*, *J.O.C.*, 1961, **26**, 2561, (*uv*)

Ohashi, H. *et al.*, *Phytochemistry*, 1988, **27**, 3993, (*isol*)

Gao, C. *et al.*, *Synth. Commun.*, 1995, **25**, 1877, (*pmr*)