



>>Entry Name: 4-Methyldibenzothiophene

CAS Registry Number: 7372-88-5

Extra CAS Registry Numbers(s): 30995-64-3

Molecular Formula: C₁₃H₁₀S

Molecular Weight: 198.288

Accurate Mass: 198.05032

Percentage Composition: C 78.75%; H 5.08%; S 16.17%

Biological Source: Prod. by *Coriolus versicolor*. Constit. of the rhizomes of *Rhaum palmatum*, rose oil and starfruit aroma

Physical Description: Needles (MeOH)

Melting Point: Mp 66.5°

Rare Chemicals Library: S27654-5

References:

Gilman, H. *et al.*, *J.O.C.*, 1938, **3**, 108-119, (*synth*)

Omata, A. *et al.*, *Agric. Biol. Chem.*, 1987, **51**, 3421-3422, (*isol*)

Katritzky, A.R. *et al.*, *J. Het. Chem.*, 1990, **27**, 1737-1740, (*synth, pmr*)

Katritzky, A.R. *et al.*, *Magn. Reson. Chem.*, 1990, **28**, 914-917, (*pmr, cmr*)

Macleod, G. *et al.*, *Phytochemistry*, 1990, **29**, 165-172, (*isol*)

Meille, V. *et al.*, *Tetrahedron*, 1996, **52**, 3953-3960, (*synth*)

Ichinose, H. *et al.*, *CA*, 1999, **131**, 225909b, (*isol*)