



>>Entry Name: 4,4'-Difluorodiphenylmethane

Synonym(s): 1,1'-Methylenebis[4-fluorobenzene], 9Cl. Bis(4-fluorophenyl)methane

CAS Registry Number: 457-68-1

Molecular Formula: C₁₃H₁₀F₂

Molecular Weight: 204.219

Accurate Mass: 204.075056

Percentage Composition: C 76.46%; H 4.94%; F 18.61%

Physical Description: Prisms (petrol)

Melting Point: Mp 28.5-29.5°

Aldrich: 27998-6

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 164A, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 957C, (*ir*)

Gunther, F.A. *et al.*, *J.A.C.S.*, 1950, **72**, 4282, (*synth*)

Streitwieser, A. *et al.*, *J.A.C.S.*, 1985, **107**, 6970, (*synth, pmr*)