



Percentage Composition: C 73.53%; H 5.85%; O 20.62%

Melting Point: Mp 63°

>>**Derivative:** Bis(4-methylbenzenesulfonyl)

Melting Point: Mp 109°

>>**Variant:** (1*RS*,2*SR*)-form

Synonym(s): *cis*-form

CAS Registry Number: 5057-98-7

Molecular Formula: C₅H₁₀O₂

Molecular Weight: 102.133

Accurate Mass: 102.06808

Percentage Composition: C 58.80%; H 9.87%; O 31.33%

Melting Point: Mp 30°

Boiling Point: Bp₂₉ 123.5°

Aldrich: 36143-7

Fluka: 29721

>>**Derivative:** Di-Ac

CAS Registry Number: 37854-32-3

Melting Point: Mp –5°

Boiling Point: Bp₂ 80°

>>**Derivative:** Dibenzoyl

CAS Registry Number: 37854-33-4

Melting Point: Mp 47°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 231A; 231B, (*nmr*)

Verkade, P.E., *Annalen*, 1930, **477**, 279; 289, (*synth*)

Owen, L.N. *et al.*, *J.C.S.*, 1952, 4026, (*synth*)

Singy, G.A. *et al.*, *Helv. Chim. Acta*, 1971, **54**, 537, (*ms*)

Kono, H. *et al.*, *Org. Prep. Proced. Int.*, 1974, **6**, 19, (*synth*)

Mangoni, L. *et al.*, *Gazz. Chim. Ital.*, 1975, **105**, 377, (*synth*)

Cunningham, A.F. *et al.*, *J.O.C.*, 1988, **53**, 1823, (*synth*, *ir*, *pmr*)

Fringuelli, F. *et al.*, *Synth. Commun.*, 1989, **19**, 1939, (*synth*)