



>>Entry Name: Bis(4-bromophenyl)ethanedione, 9Cl

Synonym(s): 4,4'-Dibromobenzil, 8Cl. 4,4'-Dibromodiphenyl diketone

CAS Registry Number: 35578-47-3

Molecular Formula: C₁₄H₈Br₂O₂

Molecular Weight: 368.024

Accurate Mass: 365.929102

Percentage Composition: C 45.69%; H 2.19%; Br 43.42%; O 8.69%

Physical Description: Needles (C₆H₆ or EtOH)

Melting Point: Mp 228-229°

Aldrich: 32805-7

>>Derivative: Monoxime

Molecular Formula: C₁₄H₉Br₂NO₂

Molecular Weight: 383.039

Accurate Mass: 380.940001

Percentage Composition: C 43.90%; H 2.37%; Br 41.72%; N 3.66%; O 8.35%

Melting Point: Mp 159-160°

>>Derivative: Monophenylhydrazone

Melting Point: Mp 189°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 877C, (nmr)

Biltz, H., *Ber.*, 1908, **41**, 1756

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McKillop, A. *et al.*, *J.A.C.S.*, 1973, **95**, 3641

Lombardino, J.G. *et al.*, *J. Med. Chem.*, 1974, **17**, 1182