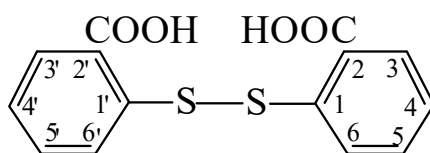




>>Entry Name: **2,2'-Dithiobisbenzoic acid**, 9CI

Synonym(s): Diphenyl disulfide 2,2'-dicarboxylic acid. 2,2'-Dithiodibenzoic acid, 8CI



CAS Registry Number: 119-80-2

Molecular Formula: $C_{14}H_{10}O_4S_2$

Molecular Weight: 306.363

Accurate Mass: 306.00205

Percentage Composition: C 54.89%; H 3.29%; O 20.89%; S 20.93%

Use/Importance: Polyolefin stabiliser

Physical Description: Prisms

Melting Point: Mp 289-290°

Aldrich: 38928-5

Fluka: 43761

Sigma: D0510

>>Derivative: Di-Me ester

Molecular Formula: $C_{16}H_{14}O_4S_2$

Molecular Weight: 334.416

Accurate Mass: 334.03335

Percentage Composition: C 57.47%; H 4.22%; O 19.14%; S 19.18%

Melting Point: Mp 134°

References:

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Fr. Pat., 1966, 1 438 714; *CA*, **66**, 19233n, (*use*)

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Smith, K. *et al.*, *J.A.C.S.*, 1989, **111**, 665, (*synth, pmr, cmr, ms, ir*)

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