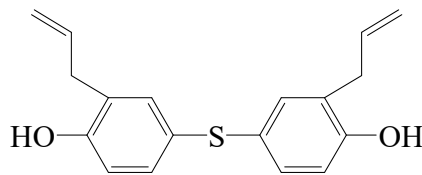




>>Entry Name: 4,4'-Thiobis[2-(2-propenyl)phenol], 9CI

Synonym(s): 3,3'-Diallyl-4,4'-dihydroxydiphenyl sulfide



CAS Registry Number: 71449-75-7

Molecular Formula: C₁₈H₁₈O₂S

Molecular Weight: 298.405

Accurate Mass: 298.10275

Percentage Composition: C 72.45%; H 6.08%; O 10.72%; S 10.75%

Physical Description: No phys. props. reported

>>Derivative: S,S-Dioxide

Synonym(s): 4,4'-Sulfonylbis[2-(2-propenyl)phenol], 9CI. 3,3'-Diallyl-4,4'-dihydroxydiphenyl sulfone

CAS Registry Number: 41481-66-7

Molecular Formula: C₁₈H₁₈O₄S

Molecular Weight: 330.404

Accurate Mass: 330.09258

Percentage Composition: C 65.43%; H 5.49%; O 19.37%; S 9.71%

Use/Importance: Used in thermal recording materials

Physical Description: Cryst. (xylene)

Melting Point: Mp 151-152° (143-144°)

References:

Ger. Pat., 1985, 3 504 482; *CA*, **104**, 168122f, (*dioxide, use*)

Abraham, M.H. *et al.*, *J.C.S. Perkin 2*, 1991, 1417-1423, (*dioxide, synth, pmr*)