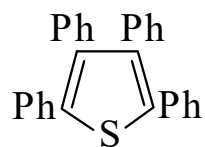




>>Entry Name: Tetraphenylthiophene

Synonym(s): Thionessal



CAS Registry Number: 1884-68-0

Molecular Formula: C₂₈H₂₀S

Molecular Weight: 388.532

Accurate Mass: 388.12857

Percentage Composition: C 86.56%; H 5.19%; S 8.25%

Use/Importance: Intermed. in manuf. of polymers and pigments

Physical Description: Needles (EtOH)

Melting Point: Mp 184-185°. Mp 189-191°

Solubility: Spar. sol. petrol; v. spar. sol. EtOH

Rare Chemicals Library: S92719-8

References:

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Bergman, E., *J.C.S.*, 1936, 505

Smith, L.I. *et al.*, *J.A.C.S.*, 1941, **63**, 1184

Wakatsuki, Y. *et al.*, *Tet. Lett.*, 1974, 4549

Ogawa, T. *et al.*, *Chem. Lett.*, 1992, 1947, (*synth*)