



>>Entry Name: 1,2,3,6,7,8-Hexahdropyrene, 9CI

Synonym(s): *s*-Hexahdropyrene

CAS Registry Number: 1732-13-4

Molecular Formula: C₁₆H₁₆

Molecular Weight: 208.302

Accurate Mass: 208.1252

Percentage Composition: C 92.26%; H 7.74%

Physical Description: Long needles (EtOH)

Melting Point: Mp 132-133°

Aldrich: H960-5

Fluka: 52580

>>Derivative: Picrate

Physical Description: Needles

Melting Point: Mp 119°

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 967A, (*ir*)

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 45C, (*nmr*)

Kagehira, I., *Bull. Chem. Soc. Jpn.*, 1931, **6**, 241, (*synth*)

Cook, J.W. *et al.*, *J.C.S.*, 1933, 398, (*synth*)

Anowski, S. *et al.*, *J. Prakt. Chem.*, 1996, **338**, 337, (*pmr, ms*)

Braun, M. *et al.*, *Liebigs Ann./Recl.*, 1997, 141, (*amide*)