



>>Entry Name: 9,9'-Bianthracene, 9Cl

Synonym(s): 9,9'-Bianthryl. *ms*-Bianthryl

CAS Registry Number: 1055-23-8

Molecular Formula: C₂₈H₁₈

Molecular Weight: 354.45

Accurate Mass: 354.14085

Percentage Composition: C 94.88%; H 5.12%

Use/Importance: Forms inclusion complexes

Physical Description: Dimorphic: cryst. (Py) or pale-yellow cryst.

Melting Point: Mp 360°. Mp 312° (300°)

References:

Eckert, A. *et al.*, *Monatsh. Chem.*, 1915, **36**, 497

Barnett, E. de B. *et al.*, *J.C.S.*, 1923, **123**, 380; 1929, 814

Schlenk, W. *et al.*, *Annalen*, 1928, **463**, 1

Bell, F. *et al.*, *J.C.S.*, 1949, 267; 1579

Risinger, G.E. *et al.*, *Chem. Ind. (London)*, 1963, 570

Badger, G.M. *et al.*, *Aust. J. Chem.*, 1964, **17**, 1138; 1147

Bergmann, E.D. *et al.*, *Tet. Lett.*, 1965, 4129

Bergmann, E.D. *et al.*, *J.C.S.(B)*, 1968, 1551, (*conformn*)

Bock, B. *et al.*, *Chem. Ber.*, 1976, **109**, 1184

Weber, E. *et al.*, *Angew. Chem., Int. Ed.*, 1986, **25**, 746, (*use*)