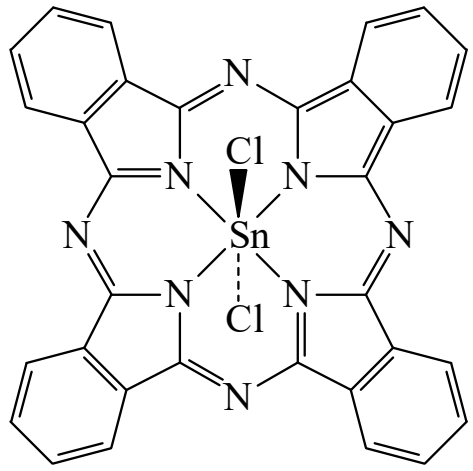
>>**Entry Name: Dichloro[29*H*,31*H*-phthalocyaninato(2–)]tin**
Synonym(s): (Phthalocyaninato)tin dichloride



CAS Registry Number: 18253-54-8

Molecular Formula: $C_{32}H_{16}Cl_2N_8Sn$
Molecular Weight: 702.147
Accurate Mass: 699.989696
Percentage Composition: C 54.74%; H 2.30%; Cl 10.10%; N 15.96%; Sn 16.91%
Source/Synthesis: Prepd. by reaction of $SnCl_2$ + phthalonitrile in refluxing 1-chloronaphthalene
Physical Description: Dark blue cryst.

Aldrich: 40647-3
Sigma: T9918

References:

Barrett, P.A. *et al.*, *J.C.S.*, 1936, 1719, *(synth)*
Kroencke, W.J. *et al.*, *Inorg. Chem.*, 1964, **3**, 251; 696, *(synth, ir)*
O'Rourke, M. *et al.*, *J.A.C.S.*, 1970, **92**, 1501, *(Mössbauer)*
Rogers, D. *et al.*, *Chem. Comm.*, 1971, 840, *(cryst struct)*
Dirk, C.W. *et al.*, *J.A.C.S.*, 1983, **105**, 1539, *(synth)*

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