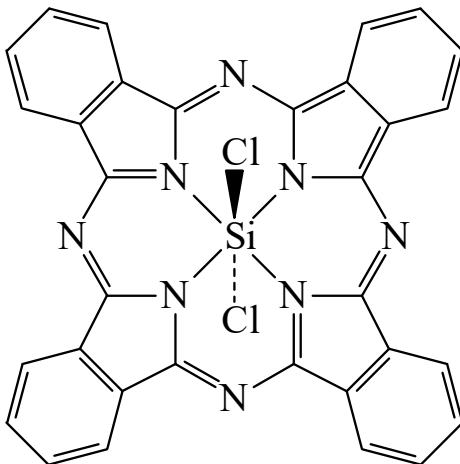




>>Entry Name: Dichloro[29*H*,31*H*-phthalocyaninato(2-)-*N*²⁹,*N*³⁰,*N*³¹,*N*³²]silicon, 9Cl

Synonym(s): Dichlorophthalocyaninosilicon, 8Cl. Dichlorosilicon phthalocyanine



CAS Registry Number: 19333-10-9

Molecular Formula: C₃₂H₁₆Cl₂N₈Si

Molecular Weight: 611.523

Accurate Mass: 610.064423

Percentage Composition: C 62.85%; H 2.64%; Cl 11.59%; N 18.32%; Si 4.59%

Source/Synthesis: Prepd. from reaction of SiCl₄ with 1,3-diiminoisoindoline in refluxing quinoline

Use/Importance: Commercially available nmr shift reagent

Physical Description: Purple cryst. (1-chloronaphthalene)

Aldrich: 28776-8

Fluka: 85366

Sigma: S8138

References:

Lowery, M.V. *et al.*, *Inorg. Chem.*, 1965, **4**, 128, (*synth, ir*)

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Dirk, C.W. *et al.*, *J.A.C.S.*, 1983, **105**, 1539-1550, (*synth*)

Ciliberto, E. *et al.*, *J.A.C.S.*, 1984, **106**, 7748-7761, (*ir*)

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