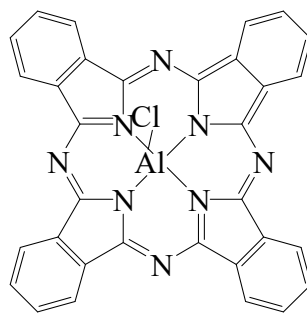




>>Entry Name: Chloro[29*H*,31*H*-phthalocyaninato(2-)-*N*²⁹*N*³⁰*N*³¹*N*³²]aluminium, 9Cl



CAS Registry Number: 14154-42-8

Molecular Formula: C₃₂H₁₆AlClN₈

Molecular Weight: 574.966

Accurate Mass: 574.100183

Percentage Composition: C 66.85%; H 2.80%; Al 4.69%; Cl 6.17%; N 19.49%

General Statement: Monomeric with square pyramidal coordination to Al

Source/Synthesis: Synth. from phthalocyanine + AlCl₃

Physical Description: Blue cryst. (1-chloronaphthalene)

References:

Barrett, P.A. *et al.*, *J.C.S.*, 1936, 1719-1736, (*synth*)

Varmuza, K. *et al.*, *Monatsh. Chem.*, 1974, **105**, 327-333, (*ms*)

Linsky, J.P. *et al.*, *Inorg. Chem.*, 1980, **19**, 3131-3135, (*synth, ir*)

Wynne, K.J. *et al.*, *Inorg. Chem.*, 1984, **23**, 4658-4663, (*cryst struct*)