



>>Entry Name: Chloro(trimethylphosphine)gold, 11Cl, 8Cl

CAS Registry Number: 15278-97-4
Me₃PAuCl

Molecular Formula: C₃H₉AuClP

Molecular Weight: 308.497

Accurate Mass: 307.979582

Percentage Composition: C 11.68%; H 2.94%; Au 63.85%; Cl 11.49%; P 10.04%

Physical Description: Fine white needles

Melting Point: Mp 231-233° (226-228°)

Solubility: Sol. CH₂Cl₂, Me₂CO

Other Data: Light-sensitive

Aldrich: 40421-7

References:

Duddell, D.A. *et al.*, *J.C.S.(A)*, 1970, 545, (*synth, ir, Raman*)

Bruce, M.I. *et al.*, *Aust. J. Chem.*, 1984, **37**, 1163, (*synth*)