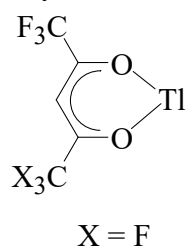




>>Entry Name: (1,1,1,5,5,5-Hexafluoro-2,4-pentanedionato-*O,O'*)thallium

Synonym(s): (Hexafluoroacetylacetonato)thallium. Thallium(*I*) hexafluoroacetylacetonate



CAS Registry Number: 15444-43-6

Molecular Formula: C₅HF₆O₂Tl

Molecular Weight: 411.435

Accurate Mass: 411.962474

Percentage Composition: C 14.60%; H 0.24%; F 27.71%; O 7.78%; Tl 49.68%

Source/Synthesis: Synth. from F₃CC(O)CH₂C(O)CF₃ + Thallium(*I*) carbonate (Tl₂CO₃) [HSR70-U](#)

Physical Description: Pale yellow needles or platelets

Melting Point: Mp 126-128°

Aldrich: 40527-2

References:

Hartman, F.A. *et al.*, *Inorg. Chem.*, 1967, **6**, 34, (*synth*)

Inorg. Synth., 1970, **12**, 81, (*synth*)