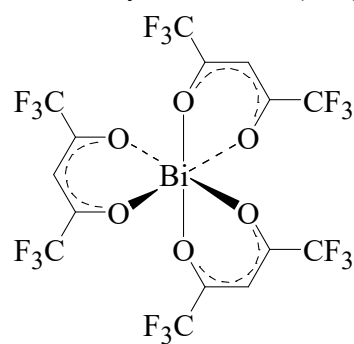




>>Entry Name: Tris(1,1,1,5,5,5-hexafluoro-2,4-pentanedionato-*O,O'*)bismuth, 9CI

Synonym(s): Tris(hexafluoroacetylacetonato)bismuth. Bismuth hexafluoroacetylacetonate. Bi(hfac)₃



CAS Registry Number: 142617-56-9

Molecular Formula: C₁₅H₃BiF₁₈O₆

Molecular Weight: 830.137

Accurate Mass: 829.944593

Percentage Composition: C 21.70%; H 0.36%; Bi 25.17%; F 41.19%; O 11.56%

Source/Synthesis: Synth. from Ph₃Bi + the diketone

Melting Point: Mp 95-97°

Boiling Point: Subl._{0.05} 110°

Other: Gelest AKB151

References:

Pisarevskii, A.P. *et al.*, *Zh. Neorg. Khim.*, 1992, **37**, 72-77; *CA*, **117**, 82233z, (*synth, ir, pmr, ms*)

Zharkova, G.I. *et al.*, *Koord. Khim.*, 1994, **20**, 101-105; *CA*, **121**, 147729v, (*synth, ms*)