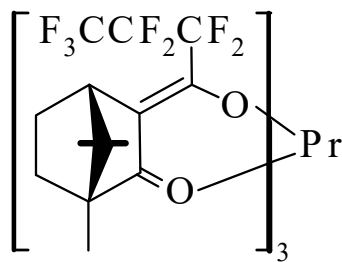




>>Entry Name: Tris[3-(heptafluoropropylhydroxymethylene)-*d*-camphorato]praseodymium(III)

Synonym(s): Tris[3-(2,2,3,3,4,4,4-heptafluoro-1-oxobutyl)-1,7,7-trimethylbicyclo[2.2.1]heptan-2-onato-*O,O'*]praseodymium, 9Cl. Tris(3-heptafluorobutyryl-*d*-camphorato)praseodymium(III). Pr(hfc)₃. Pr(hfbc)₃



CAS Registry Number: 38832-94-9

Molecular Formula: C₄₂H₄₂F₂₁O₆Pr

Molecular Weight: 1182.664

Accurate Mass: 1182.17215

Percentage Composition: C 42.65%; H 3.58%; F 33.73%; O 8.12%; Pr 11.91%

Use/Importance: Nmr chiral shift reagent

Physical Description: Light-tan powder

Other Data: Indefinite Mp >100°

Aldrich: 29657-0

Fluka: 93334

Sigma: T2392

References:

Goering, H.L. *et al.*, *J.A.C.S.*, 1971, **93**, 5913, (*use*)

Fraser, R.R. *et al.*, *J.A.C.S.*, 1972, **94**, 3253, (*use*)

Goering, H.L. *et al.*, *J.A.C.S.*, 1974, **96**, 1493, (*synth, use*)