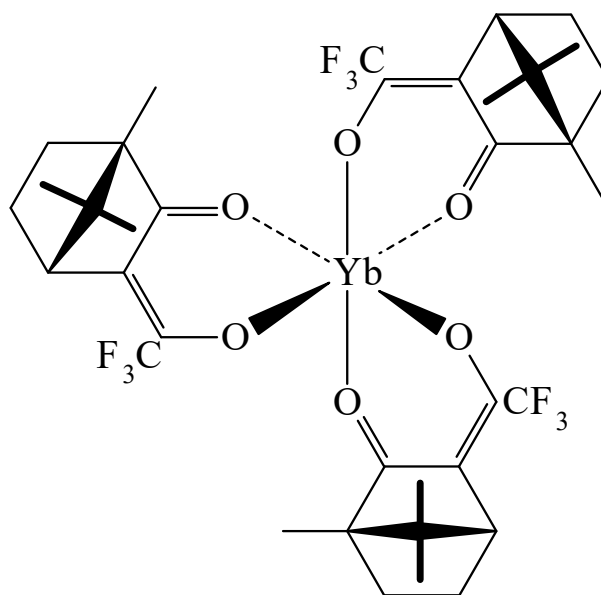




>>Entry Name: Tris[1,7,7-trimethyl-3-(trifluoroacetyl)bicyclo[2.2.1]heptan-2-onato-*O,O'*]ytterbium, 9Cl

Synonym(s): Yb(ftc)₃. Tris[3-(trifluoromethylhydroxymethylene)camphorato]ytterbium



CAS Registry Number: 38054-03-4

Molecular Formula: C₃₆H₄₂F₉O₆Yb

Molecular Weight: 914.75

Accurate Mass: 913.219145

Percentage Composition: C 47.27%; H 4.63%; F 18.69%; O 10.49%; Yb 18.92%

Use/Importance: Chiral nmr shift reagent

Physical Description: Yellow solid

Aldrich: 23730-2

Sigma: T3142

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 557A, (ir)

Schurig, V., *Tet. Lett.*, 1972, 3297, (synth, use)

Liu, J.H. *et al.*, *Analyst (London)*, 1982, **107**, 544, (use)