



>>Entry Name: Zirconium(IV) *tert*-butoxide

Synonym(s): 2-Methyl-2-propanol zirconium(4+) salt (4:1), 9Cl. *tert*-Butyl zirconate(IV). Tetra-*tert*-butoxyzirconium

CAS Registry Number: 2081-12-1

$\text{Zr}[\text{OC}(\text{CH}_3)_3]_4$

Molecular Formula: $\text{C}_{16}\text{H}_{36}\text{O}_4\text{Zr}$

Molecular Weight: 383.682

Accurate Mass: 382.166063

Percentage Composition: C 50.09%; H 9.46%; O 16.68%; Zr 23.78%

Source/Synthesis: Manuf. from $\text{ZrOCl}_2 \cdot 8\text{H}_2\text{O}$, HCl, Py and Bu^tOH

References:

Japan. Pat., 1985, 60 258 132; *CA*, **105**, 26611m, (*manuf*)

Finn, M.G. *et al.*, *J.A.C.S.*, 1991, **113**, 113-126, (*O-17 nmr*)