



>>Entry Name: Tetrabutoxyhafnium

Synonym(s): Hafnium butoxide. 1-Butanol hafnium(4+) salt, 9CI

CAS Registry Number: 22411-22-9

$\text{Hf}(\text{OCH}_2\text{CH}_2\text{CH}_2\text{CH}_3)_4$

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

Molecular Weight: 470.948

Accurate Mass: 472.207905

Percentage Composition: C 40.81%; H 7.70%; Hf 37.90%; O 13.59%

Source/Synthesis: Synth. from HfCl_4 + BuOH

Boiling Point: $\text{Bp}_{0.01}$ 280-285°

Other: Gelest AKH325

References:

Anand, S.K. *et al.*, *Isr. J. Chem.*, 1969, **7**, 171-172, (*synth*)

Eur. Pat., 1989, 299 171; *CA*, **111**, 38866k, (*synth*)