



>>Entry Name: Tetrakis(trimethylsiloxy)titanium

Synonym(s): Tetrakis(trimethylsilyl)titanate(IV). Titanium trimethylsiloxide

CAS Registry Number: 15990-66-6

Ti(OSiMe₃)₄

Molecular Formula: C₁₂H₃₆O₄Si₄Ti

Molecular Weight: 404.636

Accurate Mass: 404.117015

Percentage Composition: C 35.62%; H 8.97%; O 15.82%; Si 27.76%; Ti 11.83%

Source/Synthesis: Synth. from Me₃SiONa + TiCl₄

Physical Description: Pale yellow-green liq.

Boiling Point: Bp₇ 106°

Density: d²⁰ 0.91

Refractive Index: n_D²⁰ 1.4278

Hazard & Toxicity: Fl. p. 51°

Other: Gelest AKT889

References:

English, W.D. *et al.*, *J.A.C.S.*, 1955, **77**, 170, (*synth*)

Bradley, D.C. *et al.*, *J.C.S.*, 1959, 3404-3411, (*synth*)