



>>Entry Name: Titanium(IV) 2-ethylhexoxide

Synonym(s): 2-Ethylhexanyl titanate

CAS Registry Number: 1070-10-6

$\text{Ti}[\text{OCH}_2\text{CH}(\text{CH}_2\text{CH}_3)\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3]_4$

Molecular Formula: $\text{C}_{32}\text{H}_{68}\text{O}_4\text{Ti}$

Molecular Weight: 564.767

Accurate Mass: 564.459707

Percentage Composition: C 68.05%; H 12.14%; O 11.33%; Ti 8.48%

Physical Description: Liq.

Melting Point: Mp -25°

Boiling Point: Bp₁₁ 248-249°. Bp_{0.25} 194°

Density: d²⁵ 0.93

Hazard & Toxicity: Fl. p. 60°

Aldrich: 33348-4

Other: Gelest AKT867

References:

U.S. Pat., 3 119 852; *CA*, **60**, 11898, (*synth*)

Kijima, I. *et al.*, *Kogyo Kagaku Zasshi*, 1959, **62**, 77; *CA*, **56**, 4602, (*synth*)