



>>Entry Name: Titanium(IV) octadecyloxi

Synonym(s): 1-Octadecanol titanium(4+) salt, 9CI. Titanium(4+) 1-octadecanolate. Octadecyl titanate(IV). Tetrakis(octadecyloxy)titanium

CAS Registry Number: 5128-29-0

Ti[O(CH₂)₁₇CH₃]₄

Molecular Formula: C₇₂H₁₄₈O₄Ti

Molecular Weight: 1125.839

Accurate Mass: 1125.085707

Percentage Composition: C 76.81%; H 13.25%; O 5.68%; Ti 4.25%

Source/Synthesis: Synth. from 1-octadecanol, TiCl₄, NH₃ and adiponitrile

References:

U.S. Pat., 1953, 2 654 770; *CA*, **48**, 13710e, (*synth*)