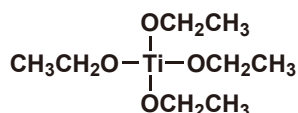
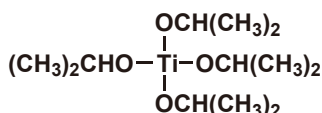


Titanate Coupling Agents, Zirconate Coupling Agents

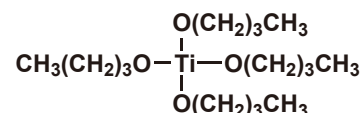
Titanium Alkoxides



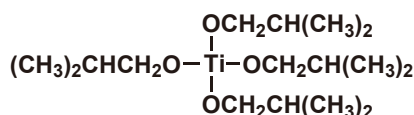
Tetraethyl Orthotitanate
25mL / 500mL [T0967]



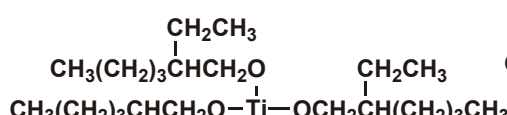
Tetraisopropyl Orthotitanate
25g / 500g [T0133]



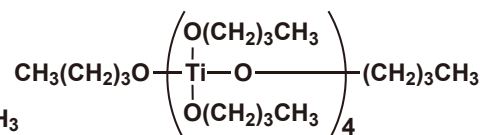
Tetrabutyl Orthotitanate
25g / 500g [B0742]



Tetraisobutyl Orthotitanate
5g [T2711]



Tetrakis(2-ethylhexyl) Orthotitanate
100g / 500g [T3682]



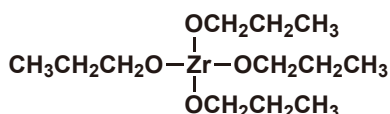
Tetrabutyl Orthotitanate Tetramer
25g / 100g / 500g [B0743]

Tetraisobutyl Orthotitanate
(contains Isopropoxide)
25mL [T0978]

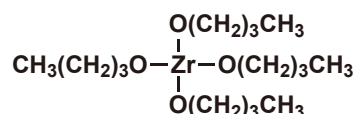
Applications

- Surface modification:** Y. Wang, J.-T. Yeh, T. Yue, R. Yao, Xi. Shen, *Colloid. Polym. Sci.* **2006**, 284, 1465.
Sol-gel processing: B. Samuneva, V. Kozhukharov, C. Trapalis, R. Kranold, *J. Mater. Sci.* **1993**, 28, 2353.
Crosslinking of polymer: Z. Kruliš, I. Fortelný, *E. Polym. J.* **1997**, 33, 513.

Zirconium Alkoxides



Zirconium(IV) Tetrapropoxide
(ca. 70% in 1-Propanol)
25g / 100g [Z0017]



Zirconium(IV) Tetrabutoxide
(ca. 80% in 1-Butanol)
25g / 500g [Z0016]

Applications

- Surface modification:** S. S. Atsu, M. A. Kilicarslan, H. C. Kucukesmen, P. S. Aka, *J. Prosthet. Dent.* **2006**, 95, 430.
Sol-gel processing: C. Xia, H. Cao, H. Wang, P. Yang, G. Meng, D. Peng, *J. Membr. Sci.* **1999**, 162, 181.

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titanium or zirconium



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