Supplementary information

The table below reports the crystallographic data of the structure of NaO^{t}Bu, as reported to CCDC with #1017545.

Chemical formula		$[C4H9NaO]_6$
Formula weight		576.61
Temperature		100(2) K
Range for data collection		2.2 to 20.8° 2θ
Wavelength		0.71073 Å (Mo Kα)
Crystal system		orthorhombic
Space group		$P2_12_12_1$
Unit cell dimensions	a = 18.1583(16) Å	α = 90°
	b = 19.2347(17) Å	β = 90°
	c = 51.548(4) Å	γ = 90°
Volume	18004(3) Å^3	
F(000)		6240.00
Reflections collected		90802
Independent reflections		18808 [R(int) = 0.069]
Goodness-of-fit on F2		1.06
Δ/σmax		< 0.001
Final R indices	14462 data; I>2σ(I)	R1 = 0.0580, wR2 = 0.1414
	all data	R1 = 0.0846, wR2 = 0.1565
Reflections/parameters/restraints		18080/1711/36