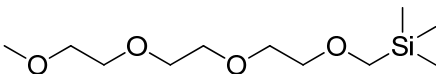


Description	2,2-dimethyl-4,7,10,13-tetraoxa-2-silatetradecane
CAS	864079-63-0
Formula	C ₁₁ H ₂₆ O ₄ Si
FW	250.41
LOT	KP02012
Purity	99.63% ¹
Batch Size	1327 g
Manufactured	02/28/2012
Structure	

Analysis	Instrument/Method	Results	Analysis By:
GC/FID	Agilent 7890A/FID Agilent HP-5MS, 0.25 um, 30m x 0.250 mm, 45 to 300 °C, 30 °C /min	99.63% ¹	K. Pupek
Boiling Point	Buchi M-565 Automatic, 0.6 Hz corrected to standard pressure	245 °C	T. Dzwiniel
KF Moisture Titration	KEM MCU-610 Coulometric, WaterMark 1612/1613	TBD	K. Pupek
FTIR	Bruker Vertex 70, Attenuated Total Reflection	Consistent with Structure	S. Gallagher
NMR	Bruker 500 MHz, ¹ H observed in CDCl ₃ solution	Consistent with Structure	T. Dzwiniel

¹By area integration.

Properties	Value
Dielectric Constant	5.42
Viscosity (cP, @25°C)	2.75
Lithium Salt Solubility (M, as LiPF₆)	1.2
Ionic Conductivity (10⁻³S/cm @ 25°C)	1.86
Voltage Stability (Oxidation, V)	4.6