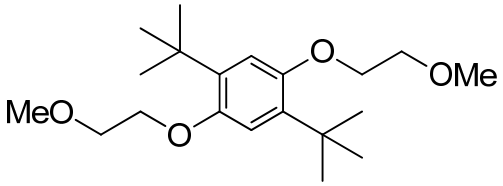
ANL-RS2

Description	1,4-di-tert-butyl-2,5-bis(2-methoxyethoxy)benzene
CAS	1350770-63-6
Formula	$C_{20}H_{34}O_4$
FW	338.48
LOT #	KP01015
Purity	99.9%
Batch Size	154 g
Manufactured	3/4/2011
Structure	

Analysis	Instrument/Method	Results	Analysis By:
HPLC	Agilent 1260 Infinity Agilent Eclipse Plus C18, 3.5 um, 4.6x100, UV 225, water/ACN gradient	99.91% [1]	K. Pupek
	Agilent Eclipse Plus C18, 3.5 um, 4.6x100, UV 275, water/ACN gradient	99.94% [1]	K. Pupek
	Agilent Eclipse Plus C18, 3.5 um, 4.6x100, RID, water/ACN isocratic	100.00% [1]	K. Pupek
	Phenomenex Kinetex PFP, 2.6 um, 4.6x100, UV 225, water/ACN gradient	99.84% [1]	K. Pupek
GC/MSD	Agilent 7890A/5975C Triple-Axis Agilent HP-5MS, 0.25 um, 30m x 0.250 mm, 45 to 300 deg, 30 deg/min	99.96% [1] M^+ = 338	T. Dzwiniel
Melting Point	Buchi M-565 Automatic, range method	69.7-70.5 C	T. Michaelos
KF Moisture Titration	KEM MCU-610 Coulometric, WaterMark 1612/1613	15 ppm	K. Pupek
FTIR	Bruker Vertex 70 Attenuated Total Reflection	Consistent with Structure	S. Gallagher
NMR	Bruker 500 MHz ^1H observed in $CDCl_3$ solution	Consistent with Structure	K. Pupek

[1] By area integration.

Properties	Value
Redox Potential (vs Li+/Li)	4.00
Solubility in Electrolyte (1.2M LiPF6 EC/EMC (3/7 V/V)	0.5 M