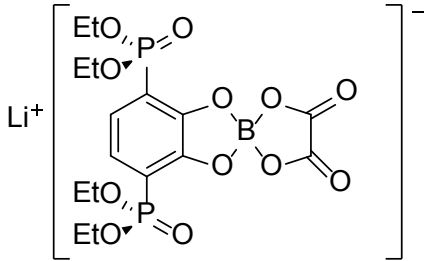


Description	Lithium [(3,6-diethoxyphosphoryl)-1,2-catecholato][oxalato]borate
CAS #	N/A
Formula	C ₁₆ H ₂₂ BLiO ₁₂ P ₂
FW	486.04
LOT #	TD6-009
Purity	>97%
Batch Size	118 g
Manufactured	9/23/2013
Structure	 <p>The structure shows a central boron atom (B) coordinated to three oxygen atoms of an oxalate group (Ox) and two oxygen atoms of a 3,6-diethoxyphosphoryl-1,2-catecholato (DPC) group. The DPC group consists of a benzene ring with two ethoxy groups (EtO) at the 3 and 6 positions, and two oxygen atoms at the 1 and 2 positions that are coordinated to the boron. The entire complex is enclosed in large square brackets with a negative charge symbol (-) on the right. A lithium ion (Li+) is shown to the left of the brackets, indicating its association with the anion.</p>

Analysis	Instrument/Method	Results	Analysis By:
HPLC	Agilent Eclipse Plus C18, 3.5 um, 4.6x100, UV 225, water/ACN gradient	>97% ¹	T. Dzwiniel
NMR	Bruker 500 MHz ¹ H, ¹³ C, ¹¹ B, ⁷ Li, ³¹ P observed in dmsO-d ₆ solution	Consistent with structure	T. Dzwiniel

¹ Combined peak area.