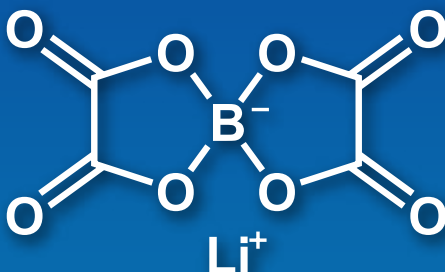


New

MATERIALS



# 用于锂离子电池的 无氟和热稳定性电解质



Lithium Bis(oxalate)borate

5g / 25g

[L0367]

## 优势

- 抑制LIB的老化，提高LIB的循环寿命
- 高SEI膜形成能力和热稳定性
- 可用作传统电解质的替代品或添加剂

## 应用

LITHIUM BISOXALATOBORATE, THE PRODUCTION THEREOF AND ITS USE AS A CONDUCTING SALT  
U. Lischka, U. Wietelmann, M. Wegner, WO0000495A1, **1999**.

The effects of LiBOB additive for stable SEI formation of PP13TFSI-organic mixed electrolyte in lithium ion batteries  
Y. An, P. Zuo, X. Cheng, L. Liao, G. Yin, *Electrochim. Acta* **2011**, 56, 4841.  
DOI: <https://doi.org/10.1016/j.electacta.2011.01.125>

Lithium bis(oxalate)borate additive in the electrolyte to improve Li-rich layered oxide cathode materials  
Z. Xiao, J. Liu, G. Fan, M. Yu, J. Liu, X. Gou, M. Yuan, F. Cheng, *Mater. Chem. Front.* **2020**, 4, 1689.  
DOI: <https://doi.org/10.1039/D0QM00094A>

Synergistic electrolyte additives for enhancing the performance of high-voltage lithium-ion cathodes in half-cells and full-cells  
A. Kazzazi, D. Bresser, S. Passerini, *et al.*, *J. Power Sources* **2021**, 482, 228975.  
DOI: <https://doi.org/10.1016/j.jpowsour.2020.228975>

## 相关产品

### 锂电解质

LiFSI (= Lithium Bis(fluorosulfonyl)imide)

5g / 25g [L0281]

LiPF<sub>6</sub> (= Lithium Hexafluorophosphate)

25g / 100g [L0146]

LiTFSI (= Lithium Bis(trifluoromethanesulfonyl)imide)

5g / 25g / 250g [B2542]

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