

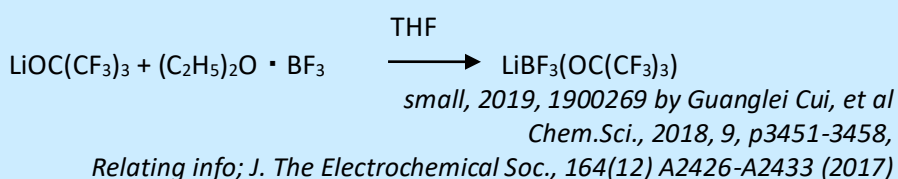
Pefluoro(tert-butanol)

(CF₃)₃COH

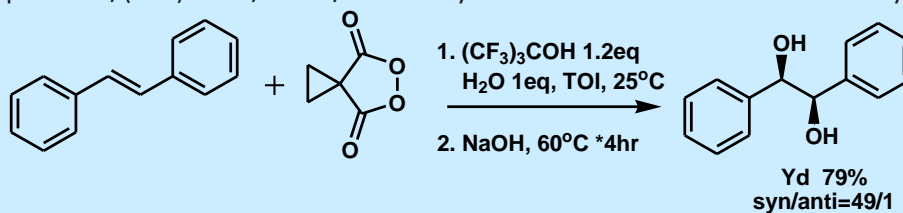
Purity	97%
CAS Number	2378-02-1
Molecular Formula	C ₄ H ₉ F ₉ O
Molecular Weight	223.04

1. Investigation of LiPO₂F₂ additive in composite electrolyte of LiBF₃(OC(CF₃)₃) and Li(N₂O₂SCF₃)₂ for the purpose of improving service temperature range and cycle life of lithium metal battery for weight reduction of lithium ion battery. . Improved the charge/discharge cycle of lithium metal batteries (LiNiMnCo positive electrode/Li negative electrode-Al current collector) and achieved a service temperature range of -20°C to 80°C. LiPO₂F₂ forms a protective film.

Application



2. Metal-free stereoselective dihydroxylation of alkenes in organic peroxide/(CF₃)₃COH/water/toluene system with 50% increase in selectivity.



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Properties:

Appearance	-
Boiling point, °C	44-45
Flash point, °C	-

Capacity: 200kg/month-

Packing:	-
UN, PG:	-