Strem Chemicals, Inc.

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Catalog # 15-0101 (+)-1,2-Bis((2R,5R)-2,5-diethylphospholano)ethane, 98+% (R,R)-Et-BPE

Technical Notes:

- 1. Highly enantio-, regio- and diastereo-selective one-pot [2+3]-cycloaddition reaction via isomerization of 3-butynoates to allenoates
- 2. Further insight in the minor/major concept using hydrogen pressure effect in asymmetric hydrogenation
- 3. Cobalt precursors for high-throughput discovery of base metal asymmetric alkene hydrogenation catalysts

500 psi H₂, 23°C, 20 h

References:

- 1. Chem. Sci., 2010, 1, 739.
- 2. J. Mol. Cata. A Chem., 2012, 214, 363.
- 3. Science, 2013, 342, 1076.