

## PRODUCT IDENTITY

|                 |                 |                |                                                                 |
|-----------------|-----------------|----------------|-----------------------------------------------------------------|
| PRODUCT NAME    | (+)-PSI Reagent | PRODUCT NUMBER | P467207                                                         |
| Grades & Purity | ≥95%            | VERSION        | 3                                                               |
| CAS NUMBER      | 2245335-71-9    | FORMULA        | C <sub>16</sub> H <sub>16</sub> F <sub>5</sub> OPS <sub>3</sub> |
| FORMULA WEIGHT  | 446.46g/mol     |                |                                                                 |

## ACCEPTANCE CRITERIA

| PARAMETER                                   | SPECIFICATION / LIMIT               |
|---------------------------------------------|-------------------------------------|
| Appearance(P467207)                         | White Powder or Crystal or Chunk(s) |
| NMR Spectrum 1H                             | Conforms to Structure               |
| Fluorine NMR Spectrum                       | Conforms to structure               |
| Phosphorus NMR spectrum                     | conforms to structure               |
| Purity(HPLC area)                           | 95-100 (%)                          |
| Enantiomeric Excess                         | 99-100 (%)                          |
| Specific rotation(CHCl <sub>3</sub> , 20°C) | 269-299 (°)                         |