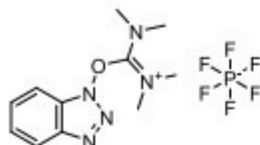


**Product Name: HBTU**



CAS No.: **94790-37-1**  
Lot No.: **A00801-230527**  
Molecular Formula: **C<sub>11</sub>H<sub>16</sub>F<sub>6</sub>N<sub>5</sub>OP**  
Molecular Weight: **379.24**  
Manufacturing Date: **2023-5-27**  
Retest Date: **2024-5-27**

| ITEMS               | SPECIFICATION                                          | TEST RESULTS             |
|---------------------|--------------------------------------------------------|--------------------------|
| Appearance          | White to off white crystalline powder                  | White crystalline powder |
| Purity(HPLC)        | ≥99%                                                   | 99.77%                   |
| Melting Point       | 198-212°C                                              | 200.3-201.0°C            |
| Clarity of solution | 1g in 10ml acetonitrile, resulting in a clear solution | Complies                 |
| Loss on drying      | ≤1%(105°C,2h)                                          | 0.38%                    |
| IR Spectrum         | In accordance with the structure                       | Complies                 |
| Mass Spectrum       | In accordance with the structure                       | Complies                 |
| NMR Spectrum        | In accordance with the structure                       | Complies                 |

Storage: **Cool dry place(≤25°C).**