

Product Data Sheet

Product Name: BOP reagent

Cat. No.: GA11026

Chemical Properties

Cas. No. 56602-33-6

Chemical Name benzotriazol-1-yloxy-tris(dimethylamino)phosphonium;hexafluorophosphate

SMILES CN(C)[P+](N(C)C)(N(C)C)ON1C2=CC=CC=C2N=N1.F[P-](F)(F)(F)(F)F

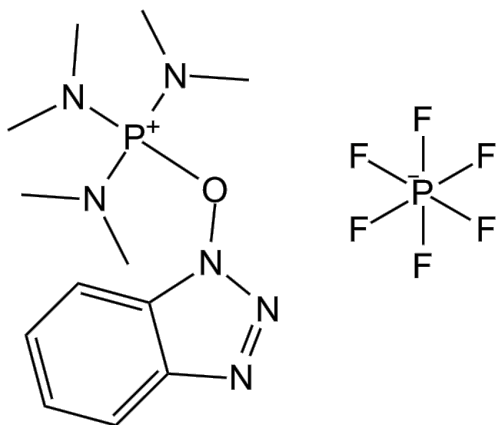
Formula $C_{12}H_{22}F_6N_6OP_2$ M.Wt 442.5

Solubility $\geq 4.43\text{mg/mL}$ in EtOH, ≥ 114.2 mg/mL in DMSO Storage Desiccate at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

A peptide coupling reagent. Can be used in the preparation of phenyl esters of amino acids which have been shown to be valuable as blocked derivatives of amino acids in the field of peptide synthesis.

Caution: Product has not been fully validated for medical applications. For research use only.

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