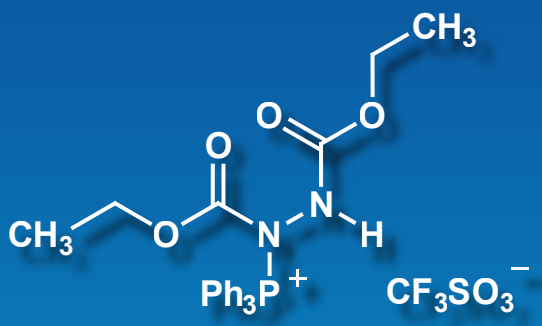
New

CHEMISTRY

Mitsunobu Reaction Reagent
BEHT Triflate



BEHT Triflate
1g / 5g / 25g
[B7082]

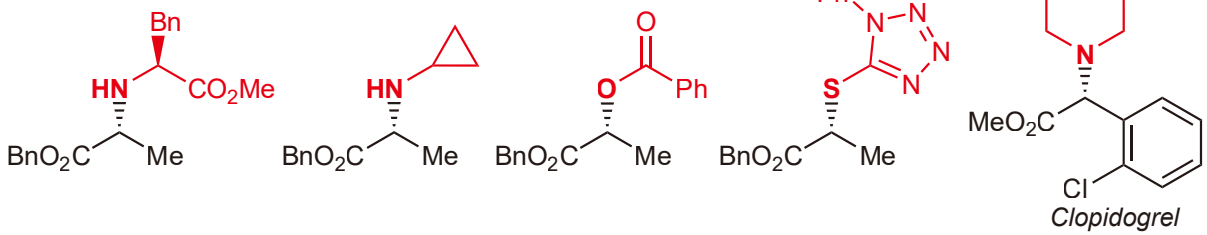
Advantages

- Stable and easy-to-handle solid
- Enables a simplified experimental procedure without the need for dropwise addition of azo compounds.
- Applicable to weakly acidic nucleophiles (pKa >11) such as amines, carboxylic acids, and thiols

Application [1)]

Nu(-H) : amine, carboxylic acid, thiol, halide, cyanide, azide

Product examples



Clopidogrel

BEHT Triflate is applicable to weakly acidic (pKa >11) primary and secondary amine nucleophiles, which are typically difficult to use with conventional methods.
The S_N2 mechanism allows stereo-inverted products to be obtained from optically active alcohols with minimal loss of optical purity. It has also been reported that the reaction can be scaled up to 10 mmol and applied to pharmaceutical synthesis.[1)]

Reference 1) W. S. Bechara, A. B. Charette, *et al.*, *Angew. Chem. Int. Ed.* **2025**, *64*, e202420312. https://doi.org/10.1002/anie.202420312

Related Product ***N,N*-Diisopropylethylamine** 25mL / 100mL / 500mL [D1599]

Ordering and Customer Service

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