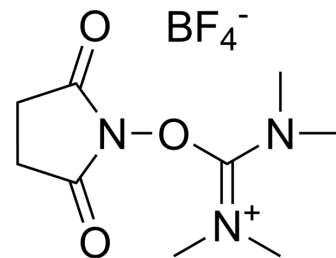


## TSTU

Cat. No.:	HY-W011412
CAS No.:	105832-38-0
Molecular Formula:	C <sub>9</sub> H <sub>16</sub> BF <sub>4</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	301.05
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

TSTU is able to converse carboxylic acid to the corresponding N-hydroxysuccinimidyl (NHS) ester, and is utilized as coupling reagent in peptide chemistry<sup>[1][2]</sup>.

## REFERENCES

- [1]. Niu SL, et al., Water-soluble BODIPY derivatives. *Org Lett.* 2009 May 21;11(10):2049-52.
- [2]. Knorr R, et al., New coupling reagents in peptide chemistry[J]. *Tetrahedron Letters*, 1989, 30(15): 1927-1930.

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

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