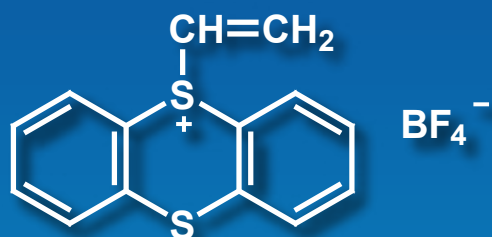


# Thianthrenium Salt Useful for Electrophilic Vinylation



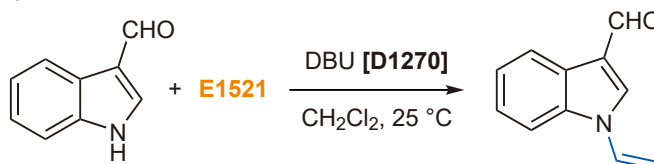
5-Vinylthianthrenium  
Tetrafluoroborate  
1g / 10g  
[E1521]

## Advantages

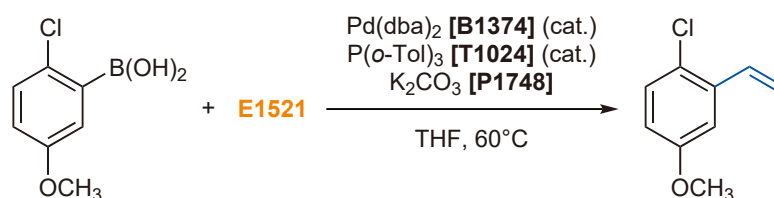
- Crystalline solid stable against air and moisture
- Applicable to the *N*-vinylation of nitrogen-containing heteroaromatic compounds and the Suzuki-Miyaura type cross-coupling reaction
- Available as a C-2 unit in the annulation of heterocycles <sup>1)</sup>

## Applications

### *N*-Vinylation <sup>1)</sup>



### Suzuki-Miyaura type cross-coupling reaction <sup>1)</sup>



References 1) F. Juliá, J. Yan, F. Paulus, T. Ritter, *J. Am. Chem. Soc.* **2021**, *143*, 12992. <https://doi.org/10.1021/jacs.1c06632>  
2) T. Ritter, F. Julia Hernandez, *Studiengesellschaft Kohle mbH*, WO2023280638A1, **2023**.

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## Related Products

1,8-Diazabicyclo[5.4.0]-7-undecene (= DBU)

25g / 100g / 500g [D1270]

Bis(dibenzylideneacetone)palladium(0) (= Pd(dba)<sub>2</sub>)

1g / 5g [B1374]

Tri(*o*-tolyl)phosphine (= P(*o*-Tol)<sub>3</sub>)

5g / 25g [T1024]

Potassium Carbonate (= K<sub>2</sub>CO<sub>3</sub>)

300g [P1748]

For further information please refer to our website at [www.TCIchemicals.com](http://www.TCIchemicals.com).

TCI vinylation



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