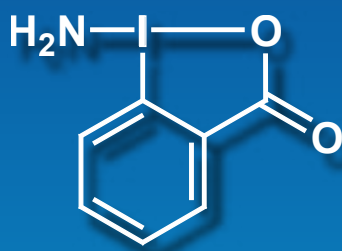


New

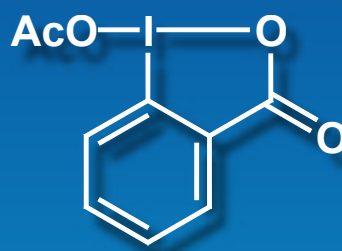
CHEMISTRY

TCI®

# Hypervalent Iodine Reagents for Electrophilic Amination of Aromatic Boronic Acids



**1-Amino-1,2-benziodoxol-3(1H)-one**  
1g  
[A3839]



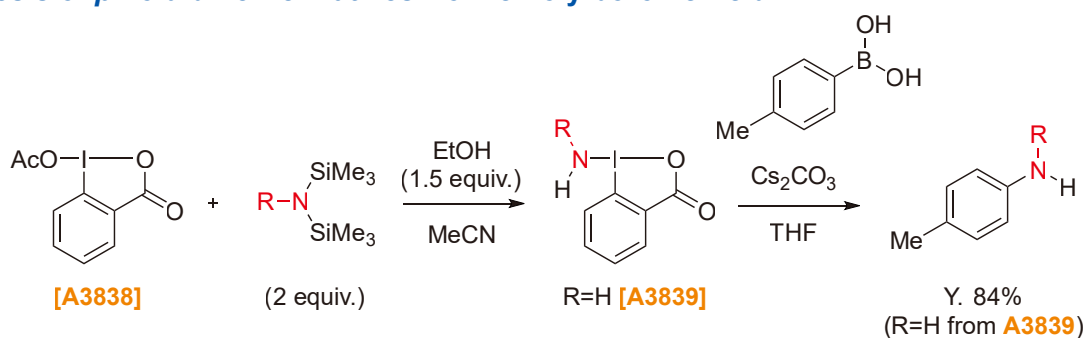
**1-Acetoxy-1,2-benziodoxol-3(1H)-one**  
1g / 25g  
[A3838]

## Advantages

- Enables the electrophilic amination of aromatic boronic acids without any metal catalyst.
- Applicable to (hetero)aryl boronic acids bearing both electron-donating and electron-withdrawing groups.
- A3838 allows the synthesis of reagents that can introduce the desired primary amine.

## Application

### Synthesis of *p*-Toluidine Derivatives from *o*-Tolylboronic Acid



Reference K. Kiyokawa, K. Kawanaka, S. Minakata, *Angew. Chem. Int. Ed.* **2024**, 63, e202319048. <https://doi.org/10.1002/anie.202319048>

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

TCI hypervalent iodine

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