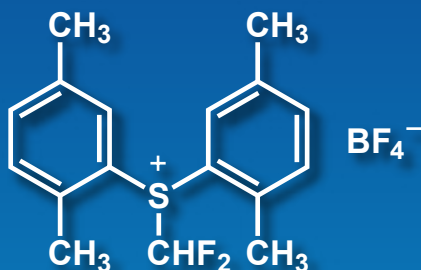


New

CHEMISTRY

TGI

# Sulfonium Salt for Photo-catalytic Difluoromethylation



(Difluoromethyl)bis(2,5-dimethylphenyl)-sulfonium Tetrafluoroborate

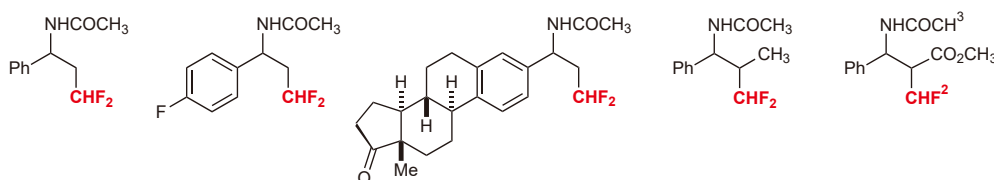
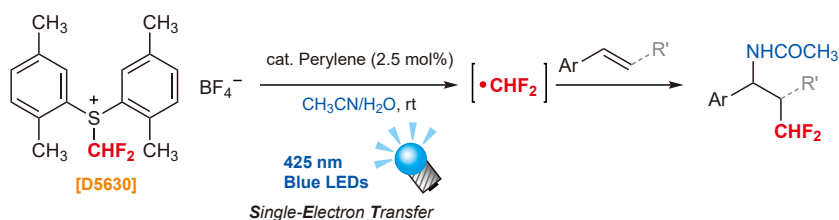
1g / 5g

[D5630]

## Advantages

- Bench-stable and easy-to-handle solid
- Generates a difluoromethyl radical species in the presence of photo-catalyst

## Applications



Reference N. Noto, T. Koike, M. Akita, *Chem. Sci.* **2017**, 8, 6375. <https://doi.org/10.1039/C7SC01703K>



Reference X. Yuan, J. Qiu, K. Guo, *et al.*, *Org. Lett.* **2021**, 23, 1950. <https://doi.org/10.1021/acs.orglett.1c00476>

## Related Product

Perylene

5g / 25g [P0078]

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tcidifluoromethylation

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