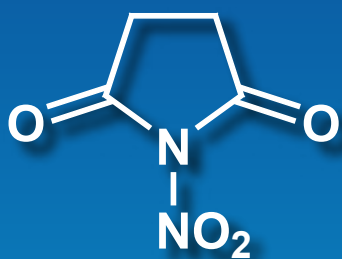


# Nitrating Reagent for Photoredox Reactions



N-Nitrosuccinimide

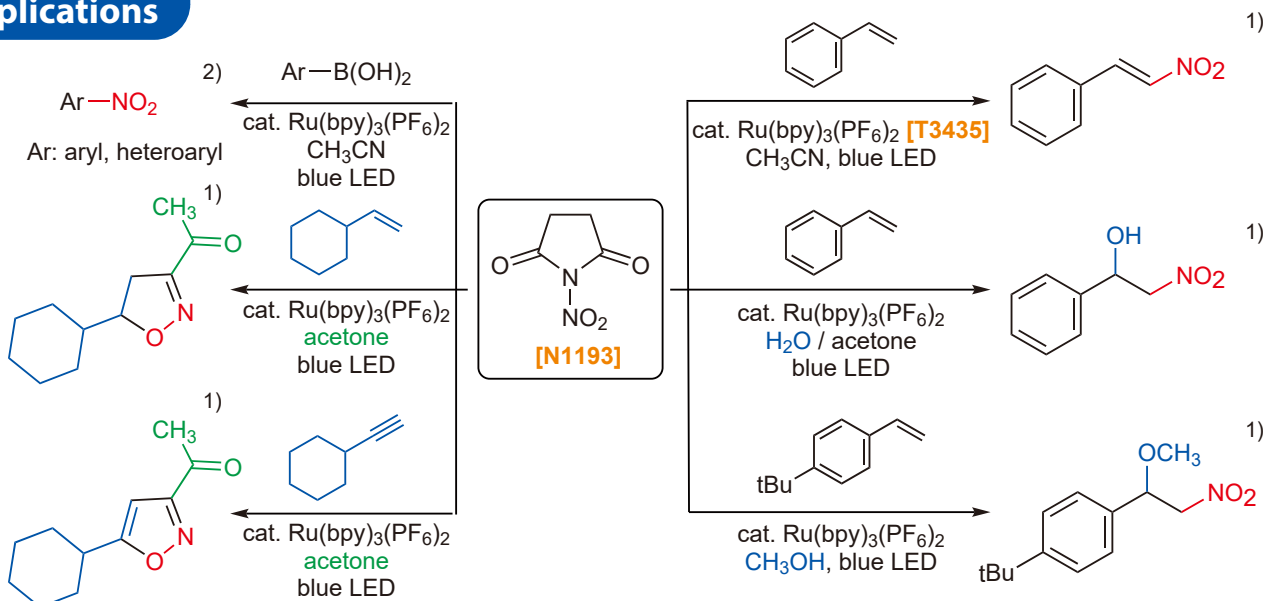
1g

[N1193]

## Advantages

- Introduction of the nitro group to the terminal alkene moieties of styrene derivatives
- Palladium-free conversion of aryl boronic acids to nitroarenes
- Formation of isoxazoline rings with alkenes and acetone in a multicomponent reaction

## Applications



References 1) K. Zhang, B. Jelier, A. Passera, G. Jeschke, D. Katayev, *Chem. Eur. J.* **2019**, 25, 12929. <https://doi.org/10.1002/chem.201902966>  
2) K. Zhang, A. Budinská, A. Passera, D. Katayev, *Org. Lett.* **2020**, 22, 2714. <https://doi.org/10.1021/acs.orglett.0c00671>

## Related Product

Tris(2,2'-bipyridine)ruthenium(II) Bis(hexafluorophosphate) (=  $\text{Ru}(\text{bpy})_3(\text{PF}_6)_2$ )

1g [T3435]

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

nitration

### Ordering and Customer Service

#### TCI AMERICA

Tel : 800-423-8616 / 503-283-1681  
Fax : 888-520-1075 / 503-283-1987  
E-mail : Sales-US@TCIchemicals.com

#### TCI EUROPE N.V.

Tel : +32 (0)3 735 07 00  
Fax : +32 (0)3 735 07 01  
E-mail : Sales-EU@TCIchemicals.com

#### TCI Deutschland GmbH

Tel : +49 (0)6196 64053-00  
Fax : +49 (0)6196 64053-01  
E-mail : Sales-DE@TCIchemicals.com

#### Tokyo Chemical Industry UK Ltd.

Tel : +44 (0)1865 78 45 60  
E-mail : Sales-UK@TCIchemicals.com

#### TCI Chemicals (India) Pvt. Ltd.

Tel : 1800 425 7889 / 044-2262 0909  
Fax : 044-2262 8902  
E-mail : Sales-IN@TCIchemicals.com

#### 梯希爱(上海)化成工业发展有限公司

Tel : 800-988-0390 / 021-67121386  
Fax : 021-6712-1385  
E-mail : Sales-CN@TCIchemicals.com

#### TOKYO CHEMICAL INDUSTRY CO., LTD.

Tel : +81 (0)3-5640-8878  
E-mail : globalbusiness@TCIchemicals.com

Availability, price or specification of the listed products are subject to change without prior notice. Reproduction forbidden without the prior written consent of Tokyo Chemical Industry Co., Ltd.