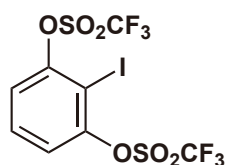


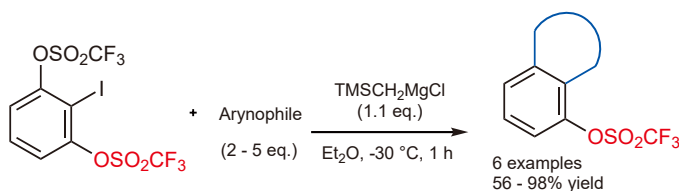
Benzyne Precursors Applicable under Mild Conditions

Attached polar functional groups are unreactive towards in situ generated benzyne functionalities.

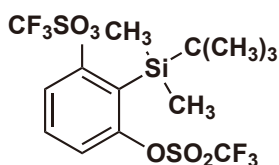


**2-Iodo-1,3-phenylene
Bis(trifluoromethanesulfonate)**

1g
[I1102]

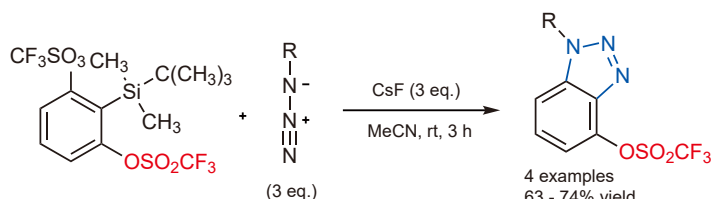


Reference S. Yoshida, K. Uchida, K. Igawa, K. Tomooka, T. Hosoya, *Chem. Commun.* **2014**, 50, 15059.
DOI: <https://doi.org/10.1021/acs.orglett.6b03304>

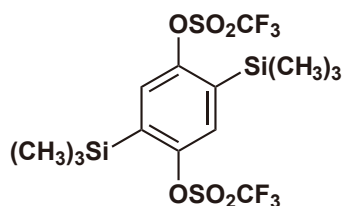


**2-(tert-Butyltrimethylsilyl)-
1,3-phenylene
Bis(trifluoromethanesulfonate)**

200mg / 1g
[B5557]

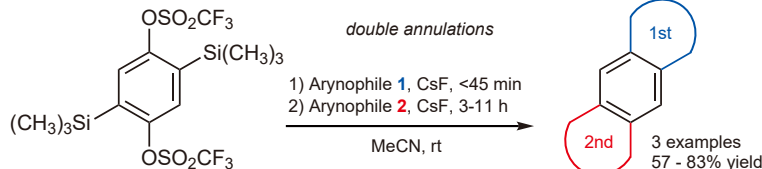


Reference T. Ikawa, H. Kaneko, S. Masuda, E. Ishitsubo, H. Tokiwa, S. Akai, *Org. Biomol. Chem.* **2015**, 13, 520.
DOI: <https://doi.org/10.1039/C4OB01627K>



**2,5-Bis(trimethylsilyl)-
1,4-phenylene
Bis(trifluoromethanesulfonate)**

1g
[B5559]



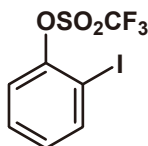
Reference T. Ikawa, S. Masuda, A. Takagi, S. Akai, *Chem. Sci.* **2016**, 7, 5206.
DOI: <https://doi.org/10.1039/C6SC00798H>

I1102 was commercialized by the instruction of Prof. Takamitsu Hosoya and Assoc. Prof. Suguru Yoshida.
B5557 and B5559 were commercialized by the instruction of Prof. Shuji Akai and Assoc. Prof. Takashi Ikawa.

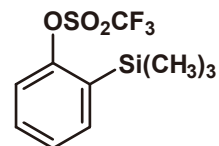
Other Benzyne Precursors



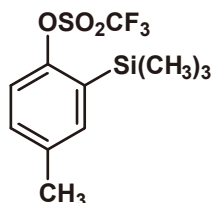
**2-Bromophenyl
Trifluoromethanesulfonate**
1g / 5g
[B4777]



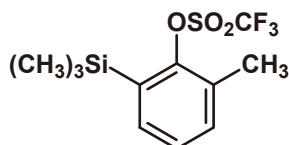
**2-Iodophenyl
Trifluoromethanesulfonate**
5g
[I0770]



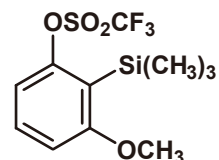
**2-(Trimethylsilyl)phenyl
Trifluoromethanesulfonate**
1g / 5g / 25g
[T2089]



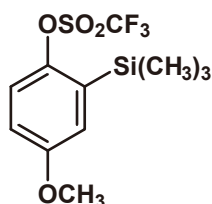
**4-Methyl-
2-(trimethylsilyl)phenyl
Trifluoromethanesulfonate**
1g / 5g
[M1882]



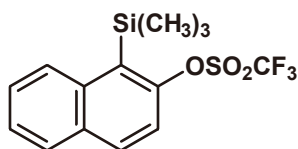
**2-Methyl-
6-(trimethylsilyl)phenyl
Trifluoromethanesulfonate**
1g / 5g
[M1883]



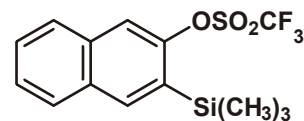
**3-Methoxy-
2-(trimethylsilyl)phenyl
Trifluoromethanesulfonate**
1g / 5g
[M1884]



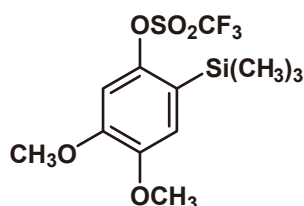
**4-Methoxy-
2-(trimethylsilyl)phenyl
Trifluoromethanesulfonate**
1g / 5g
[M1885]



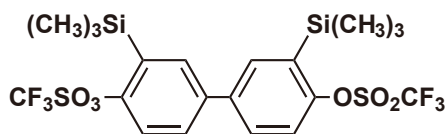
**1-(Trimethylsilyl)-2-naphthyl
Trifluoromethanesulfonate**
1g / 5g
[T2465]



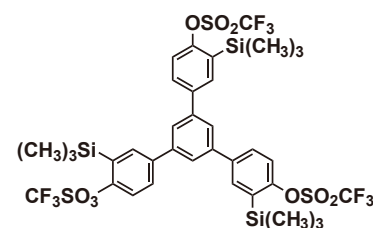
**3-(Trimethylsilyl)-2-naphthyl
Trifluoromethanesulfonate**
1g / 5g
[T2466]



**4,5-Dimethoxy-
2-(trimethylsilyl)phenyl
Trifluoromethanesulfonate**
1g / 5g
[D3883]



**3,3'-Bis(trimethylsilyl)-
biphenyl-4,4'-diyl
Bis(trifluoromethanesulfonate)**
1g / 5g
[B3047]



**1,3,5-Tris[4-
(trifluoromethanesulfonyloxy)-
3-(trimethylsilyl)phenyl]benzene**
1g
[T2467]

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