New

CHEMISTRY MATERIALS

# Asymmetric Fluorinated Glycol Ethers for Electrochemical Research

**1,1,1-Trifluoro-2-(2-methoxyethoxy)ethane**
5 / 25g
[T4472]

**2-(2-Ethoxyethoxy)-1,1,1-trifluoroethane**
5g / 25g
[E1688]

**Fluorinated ether compounds exhibit unique electrochemical properties because of the strong electron-withdrawing effect of fluorine atoms, as reported by Sasaki *et al.*[1,2)]**
**To support electrochemical research, we offer a lineup of asymmetric fluorinated ethers.**

## References


1) Physical and Electrolytic Properties of Partially Fluorinated Organic Solvents and Its Application to Secondary Lithium Batteries: Partially Fluorinated Dialkoxyethanes
Y. Sasaki *et. al.*, *ECS Trans.* **2009**, *16*, 23. https://doi.org/10.1149/1.3123124

2) Physical and Electrolytic Properties of Trifluorinated Linear Ethers and Their Application to Lithium Secondary Batteries
T. Satoh, Y. Sasaki, *et. al.*, *ECS Trans.* **2013**, *50*, 127. https://doi.org/10.1149/05048.0127ecst


## Related Products

For further information please refer to our website at www.TCIchemicals.com.

**If looking for fluorinated ethers or fluorinated glycol ethers,**

TCI fluorinated ethers

or

**https://bit.ly/4qqHgdi**

**If looking for lithium electrolytes,**

TCI lithium electrolytes

or

**http://bit.ly/4nmETFI**


**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

**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 (India) Pvt. Ltd.**
Tel : 1800 425 7889 / 044-2262 0909
E-mail : Sales-IN@TCIchemicals.com

**TOKYO CHEMICAL INDUSTRY CO., LTD.**
Tel : +81 (0)3-5640-8878
E-mail : globalbusiness@TCIchemicals.com