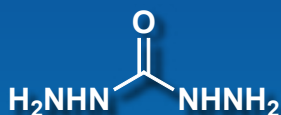
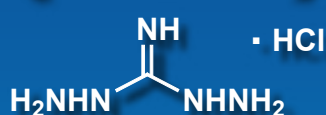


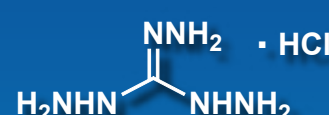
Hydrazide Linkers for Covalent Organic Frameworks (COFs)



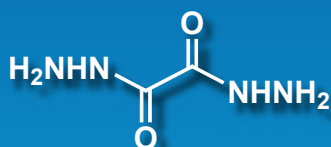
Carbohydrazide
25g / 500g
[C0803]



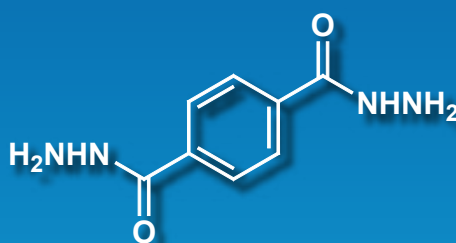
1,3-Diaminoguanidine Hydrochloride
5g / 25g
[D1912]



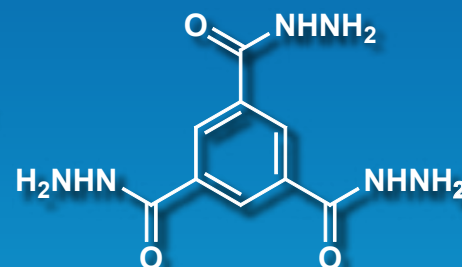
Hydrazinecarbohydrazono-hydrazide Hydrochloride
1g / 5g
[T4080] **New**



Oxalyl Dihydrazide
25g
[O0083]



Terephthalic Dihydrazide
25g / 500g
[T0758]

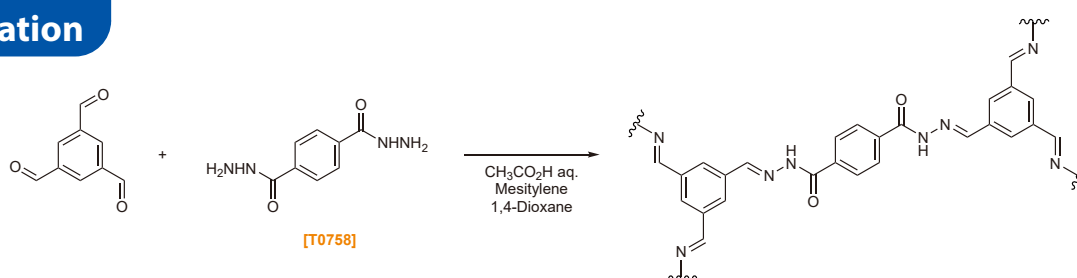


Benzene-1,3,5-tricarbohydrazide
1g / 5g
[B6401] **New**

Advantages

- Applicable to the synthesis of COFs linked by stable and flexible hydrazone bond.^{1,2)}
- Allows for post modifications such as metal coordination,³⁾ oxidation,⁴⁾ and cyclization.⁵⁾

Application



- References**
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 - 2) H.-L. Jiang *et al.*, *J. Am. Chem. Soc.* **2023**, *145*, 1359. <https://doi.org/10.1021/jacs.2c11926>
 - 3) P. Jiang *et al.*, *RSC Adv.* **2014**, *4*, 51544. <https://doi.org/10.1039/C4RA09304F>
 - 4) S.-R. Zheng, X. Li, S. Cai *et al.*, *Appl. Polym. Mater.* **2022**, *4*, 4624. <https://doi.org/10.1021/acsapm.2c00543>
 - 5) R. Wang *et al.*, *Angew. Chem. Int. Ed.* **2022**, *61*, e202115655. <https://doi.org/10.1002/anie.202115655>

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