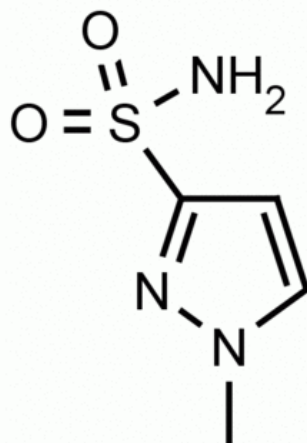


**Product Name: 1-Methyl-1H-Pyrazole-3-sulfonamide**

**Catalog Number: Z15473**



**Sizes Available:** 250 mg, 1 g and larger sizes available

**Molecular weight:** 161.18 g/mol

**Molecular Formula:** C<sub>4</sub>H<sub>7</sub>N<sub>3</sub>SO<sub>2</sub>

**CAS Number:** 88398-97-4

**Storage:** Store at 2-8 C°, under dry conditions.

**Synonyms:** None found

**Uses:** Synthesis building block, Organic Synthesis, pyrazole nitrogen heterocycle, synthesis, sulfonamide reactions

**1-Methyl-1H-Pyrazole-3-sulfonamide**, is a synthetic fine chemical useful in the synthesis of pharmaceuticals and fine organic chemicals.

**Selected Patents and References:**

1. Preparation of sulfonylureas and related compounds as inhibitors of NLRP3 inflammasome activation for the treatment of diseases, O'Neill, Luke; Coll, Rebecca; Cooper, Matt; Robertson, Avril; Schroder, Kate, PCT Int. Appl. (2016), WO 2016131098 A1 20160825
2. Preparation of novel heterocyclic compounds as bromodomain inhibitors  
Fish, Paul Vincent; Cook, Andrew Simon; Phillips, Christopher; Bent, Andrew Frank; Mills, James Edward John; Sciammetta, Nunzio, PCT Int. Appl. (2013), WO 2013027168 A1 20130228

3. Design, synthesis and pharmacological evaluation of new acyl sulfonamides as potent and selective Bcl-2 inhibitors, Liu, Xiaohua; Zhang, Yu; Huang, Wenjing; Tan, Wenfu; Zhang, Ao, & Medicinal Chemistry (2018), 26(2), 443-454. DOI:10.1016/j.bmc.2017.12.001
4. Preparation of sulfonylureas and related compounds and use of same, O'Neill, Luke; Coll, Rebecca; Cooper, Matthew; Robertson, Avril; Schroder, Kate; MacLeod, Angus Murray; Miller, David John, PCT Int. Appl. (2017), WO 2017140778 A1 20170824
5. Pyrazolesulfonylurea derivative and herbicide containing said derivative as active ingredient, Suzuki, Fumio; Iwasawa, Yoshihiro; Toshiaki, Sato; Ikai, Takasi; Oguti, Tosihiko, Eur. Pat. Appl. (1983), EP 87780 A2 19830907.

Hazardous Properties and Cautions: The toxicological and pharmacological properties of this compound are not fully known. For further information see the MSDS on request. **1-Methyl-1H-Pyrazole-3-sulfonamide** is manufactured, shipped according to standard practices, and intended for research and development in a laboratory utilizing prudent procedures for handling chemicals of unknown toxicity, under the supervision of persons technically qualified to evaluate potential risks and authorized to enforce appropriate health and safety measures. As with all research chemicals, precautions should be taken to avoid unnecessary exposures or risks.

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