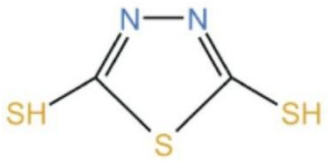
UNPCHEMICALS

CHEMICAL INTERMEDIATES

Luoyang Pacific United Petrochemical Co., Ltd.
UNPChemicals
No. 113, Huayang Avenue, Baihe Town,
Mengjin District, Luoyang City
Henan Province, China
+86-379-67877555 sales@unpchemicals.com
www.unpchemicals.com

***DMTD*** (2,5-dimercapto-1,3,4-thiadiazole) is an important chemical intermediate. Its derivatives are widely used in medicine, lubricating grease, metalworking fluid, rubber industry, etc. Chemical reactions generally include: double decomposition reaction with soluble salts, salt forming reaction with alkali metal hydroxide, oxidation reaction of sulfydryl group, addition reaction with organic compounds containing active double bonds, reaction with oxygen containing groups, reaction with aldehyde and alcohol, salt forming reaction with amine and ammonia, and reaction with acyl chloride.

## CHEMICAL COMPOSITION




2,5-dimercapto-1,3,4-thiadiazole CAS No.: 1072-71-5

## TYPICAL PROPERTIES

| Test Item | Typical Data | Method |
|---|---|---|
| Appearance | White to light yellow powder | Visual inspection |
| Purity, % | 98.0 | Ch.P |
| Loss on drying at 80℃/2h, % | 0.1 | Ch.P |
| Melting point, ℃ | 161.0 | GB/T 617 |
| Residue on ignition, % | 0.3 | Ch.P |

Note: The above analytical data are not specifications.

## PERFORMANCE CHARACTERISTICS

- Small particle size
- Less odor and high purity
- Contains no metals

## APPLICATION

- Important chemical intermediate and raw material

## RELATIVE PRODUCTS

- VANCHEM DMTD

## PACKAGING AND STORAGE

| | |
|---|---|
| **Packaging** | 40kg/drum (Net weight) |
| **Storage conditions** | Store in a cool, dry, well-ventilated warehouse |

## HEADLING INFORMATION

Avoid contact with skin, eyes and clothing. Operate in accordance with good industrial health and safety practices. Please refer to material safety data sheet (MSDS) for additional handling information on ***DMTD***.

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