## 2-Amino-5-mercapto-1,3,4-thiadiazole

Cat. No.: HY-W012675 CAS No.: 2349-67-9 Batch No.: 52449

**Chemical Name:** 1,3,4-Thiadiazole-2(3H)-thione, 5-amino-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_2H_3N_3S_2$ Molecular Weight: 133.20

Storage: 4°C, protect from light

\* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 

$$H_2N S$$
  $S$   $N-NH$ 

## **ANALYTICAL DATA**

White to off-white (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure

Purity (NMR): ≥97.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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