

**Product Name:** 2-Amino-5-mercapto-1,3,4-thiadiazole, 98%  
**Catalog Number:** A11451.22

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**CAS Number:** 2349-67-9  
**IUPAC Name:** 5-amino-2,3-dihydro-1,3,4-thiadiazole-2-thione  
**Molecular Formula:** C<sub>2</sub>H<sub>3</sub>N<sub>3</sub>S<sub>2</sub>  
**Molecular Weight:** 133.19  
**InChI Key:** GDGIVSREGUOIJZ-UHFFFAOYSA-N  
**SMILES:** NC1=NNC(=S)S1  
**Synonym:** 5-amino-3H-1,3,4-thiadiazole-2-thione

### Product Specification

**Appearance (Color):** White to cream or yellow  
**Form:** Powder  
**Assay (HPLC):** ≥97.5%  
**Assay (Aqueous acid-base Titration):** ≥97.5 to ≤102.5%  
**Identification (FTIR):** Conforms

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**Date Of Print:** 06/11/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*