

**Product Name:** 2-Amino-5-mercapto-1,3,4-thiadiazole, 98%, Thermo Scientific Chemicals

**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** ≥97.5 to ≤102.5%

**Titration):**

**Identification (FTIR):** Conforms

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**Date Of Print:** 02/15/2025

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