# Certificate of Analysis



## Sulfaphenazole

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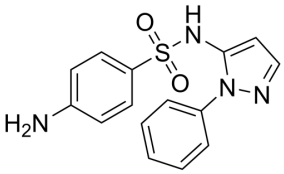
|---|---|
| **Cat. No.:** | HY-B1218 |
| **CAS No.:** | 526-08-9 |
| **Batch No.:** | 22502 |
| **Chemical Name:** | Benzenesulfonamide, 4-amino-N-(1-phenyl-1H-pyrazol-5-yl)- |

### PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|---|---|---|
| **Molecular Formula:** | $C_{15}H_{14}N_4O_2S$ | | |
| **Molecular Weight:** | **314.36** | | |
| **Storage:** | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 2 years |
| | | -20°C | 1 year |

**Chemical Structure:**



### ANALYTICAL DATA

| | |
|---|---|
| **Appearance:** | White to yellow (Solid) |
| **LCMS:** | Consistent with structure |
| **Purity (HPLC):** | **99.81%** |
| **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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