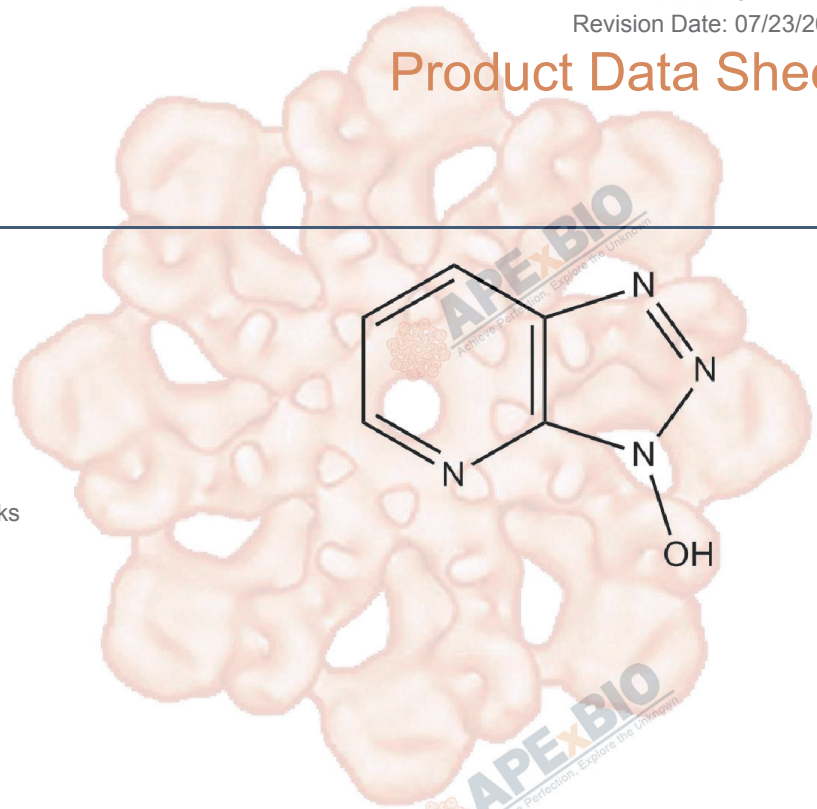


Product Data Sheet

HOAt

| | |
|------------------|--|
| Cat. No.: | A7024 |
| CAS No.: | 39968-33-7 |
| Formula: | C ₅ H ₄ N ₄ O |
| M.Wt: | 136.11 |
| Synonyms: | |
| Target: | Amino Acids & Building Blocks |
| Pathway: | Peptide Coupling Reagents |
| Storage: | Desiccate at -20°C |



Solvent & Solubility

≥6.8mg/mL in DMSO, ≥9.29 mg/mL in EtOH with ultrasonic, ≥3.62 mg/mL in H₂O with ultrasonic

| In Vitro | Preparing Stock Solutions | Mass | | | |
|----------|---------------------------|-----------------------|-----------|------------|------------|
| | | Solvent Concentration | 1mg | 5mg | 10mg |
| | | 1 mM | 7.3470 mL | 36.7350 mL | 73.4700 mL |
| | | 5 mM | 1.4694 mL | 7.3470 mL | 14.6940 mL |
| | | 10 mM | 0.7347 mL | 3.6735 mL | 7.3470 mL |

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

| | |
|---------------------------|--|
| Shortsummary | coupling activator for racemization-free coupling in peptide synthesis |
| IC ₅₀ & Target | |
| In Vitro | Cell Viability Assay |
| | Preparation method: |
| In Vivo | Animal experiment |
| | Applications: |

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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