

---

## Triapine

产品编号: D51050

CAS: 143621-35-6

分子式: C<sub>7</sub>H<sub>9</sub>N<sub>5</sub>S

纯度: ≥98%

InChi: InChI=1S/C<sub>7</sub>H<sub>9</sub>N<sub>5</sub>S/c8-5-2-1-3-10-6(5)4-11-12-7(9)13/h1-4H,8H<sub>2</sub>,(H<sub>3</sub>,9,12,13)/b11-4+

InChi Key: XMYKNCNAZKMVQN-NYYWCZLTSA-N

Smiles: NC1=CC=CN=C1/C=N/NC(N)=S

外观: 固体粉末

作用通路: DNA/RNA Synthesis

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: Triapine, also known as 3-AP and OCX-191, is a synthetic heterocyclic carboxaldehyde thiosemicarbazone with potential antineoplastic activity. Triapine inhibits the enzyme ribonucleotide reductase, resulting in the inhibition of the conversion of ribonucleoside diphosphates to deoxyribonucleotides necessary for DNA synthesis. This agent has been shown to inhibit tumor growth in vitro.