

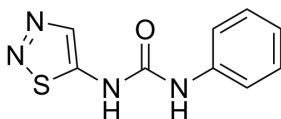
## Thidiazuron

Cat. No.: HY-B0872  
CAS No.: 51707-55-2  
Batch No.: 328995  
Chemical Name: Urea, N-phenyl-N'-1,2,3-thiadiazol-5-yl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>9</sub>H<sub>8</sub>N<sub>4</sub>OS  
Molecular Weight: 220.25  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C    6 months  
                                  -20°C     1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.65%  
Water(KF): 0.1%  
Residue on Ignition: 0.10%  
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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