Certificate of Analysis

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: $C_9H_8N_4OS$ 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)

¹ 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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