

1,1-Diphenyl-2-picrylhydrazyl (DPPH)

Cat: D9370

Specification: 250mg /1g

Storage: Store at 2-8°C, and it is valid for 2 years.

Product Information

CAS: 1898-66-4

English name: 1,1-Diphenyl-2-picrylhydrazyl (DPPH)

Molecular Formula: C₁₈H₁₂N₅O₆

Molecular Weight: 394.32

Purity: >97.0%(HPLC)

Melting point: 138-141°C

Introduction

1,1-diphenyl-2-picrylhydrazyl (DPPH) is a stable free radical. By measuring the change in absorbance before and after the reaction between DPPH and antioxidant substances at a specific wavelength, the antioxidant capacity of the substance under test can be quantitatively determined. The DPPH method is a rapid and simple method for determining the antioxidant properties of tea. With proper control of the measurement conditions, good measurement stability can be obtained.

Note

1. Unless otherwise specified, the biochemical reagents produced by our company are generally non-sterile packaged. If they are to be used for cell experiments, please conduct pretreatment in advance.
2. Once dissolved, please store the solution in separate containers to avoid product degradation caused by repeated freezing and thawing.
3. The product information is for reference only. If you have any questions, please call 400-968-6088 for consultation.
4. The products are all for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store them in ordinary residential areas.
5. For your safety and health, please wear laboratory clothes, disposable gloves and masks to operate.