

## 1,1-二苯基-2-苦基肼

中文名：1,1-二苯基-2-苦基肼

英文名：DPPH

别名：1,1-二苯基-2-苦基肼自由基;1,1-二苯-2-苦基肼;2,2-二苯基-1-苦基肼;DPPH;1,1-Diphenyl-2-picrylhydrazyl radical; 2,2-Diphenyl-1-(2,4,6-trinitrophenyl)hydrazyl; DPPH

CAS 号：1898-66-4

分子式：C<sub>18</sub>H<sub>12</sub>N<sub>5</sub>O<sub>6</sub>

分子量：394.32

Beilstein 号：1846081

EC 号：217-591-8

MDL 号：MFCD00007231

属性

溶解性：Soluble in DMF, EtOH, chloroform, ether, carbon disulfide, acetone, oils, carbon tetrachloride, glacial acetic acid, and toluene. Insoluble in water

敏感性：对热敏感

贮存条件：储存温度 2-8 ° C

熔点：138-141 ° C

描述

产品介绍：DPPH, Free Radical is a cell-permeable, stable free radical that acts as a hydrogen radical scavenger. Originally developed to detect melanin metabolites in the urine of subjects with malignant melanoma, it has found numerous applications as a general antioxidant detector. Useful in inducing free-radical injury to tissues and as a screening tool for detecting free radical scavenging activity of antioxidants. The ability of a compound to decolorize DPPH free radical

signifies the reactivity of the tested compound. Used in the quantitative determination of aliphatic and aromatic thiols by indirect spectroscopy and for photometric determination of tocopherol.

用 途： A sensitive colormetric free radical scavenger

