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Typical Product Specifications & Properties

2,2-Diphenyl-1-picrylhydrazyl (free radical)

CAS Number: : 1898-66-4

| Specifications | Limits |
|------------------------------|--|
| Molecular weight | 394.32 |
| SMILES | <chem>c1ccc(cc1)N(c2ccccc2)[N]c3c(cc(cc3[N+](=O)[O-])[N+](=O)[O-])[N+](=O)[O-]</chem> |
| InChI | HHEAADYXPMHMCT-UHFFFAOYSA-N |
| InChIKey | 1S/C18H12N5O6/c24-21(25)15-11-16(22(26)27)18(17(12-15)23(28)29)19-20(13-7-3-1-4-8-13)14-9-5-2-6-10-14/h1-12H |
| Atmospheric OH Rate Constant | 2.48E-11 cm ³ /molecule-sec |
| log P (octanol-water) | 4.900 |
| Melting Point | 129 dec ° C |



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