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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 <sup>3</sup> /molecule-sec
log P (octanol-water)	4.900
Melting Point	129 dec &deg; C
Chemical Structure	 48719_2-2-diphenyl-1-picrylhydrazyl-free-radical-.png chemical structure

