

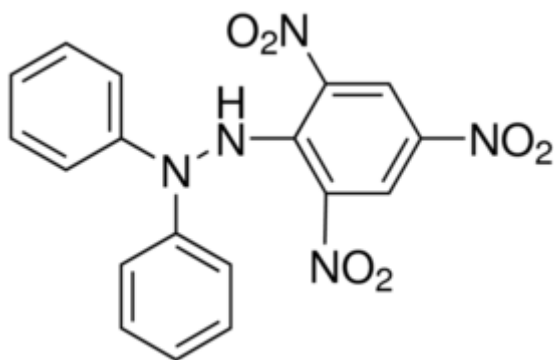
Specification Sheet

281689 Sigma-Aldrich

1,1-Diphenyl-2-picrylhydrazine

97%

- CAS Number [1707-75-1](#)
- Linear Formula $2,4,6-(\text{O}_2\text{N})_3\text{C}_6\text{H}_2\text{NHN}(\text{C}_6\text{H}_5)_2$
- Molecular Weight 395.33
- Beilstein/REAXYS Number 770319
- EC Number [216-953-2](#)
- MDL number [MFCD00007229](#)
- PubChem Substance ID [24856989](#)
- NACRES NA.22



Properties

Related Categories

Building Blocks, Chemical Synthesis, Hydrazines, Nitrogen Compounds - Organic Building Blocks, Organic Building Blocks

assay

97%

mp

~174 °C (dec.) (lit.)

storage temp.

room temp

SMILES string

[O-][N+](=O)c1cc(c(NN(c2ccccc2)c3ccccc3)c(c1)[N+](=[O-])[N+](=[O-])=O

InChI 1S/C18H13N5O6/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/h1-12,19H

InChI key **WCBPJVKVIMMEQC-UHFFFAOYSA-N**

