

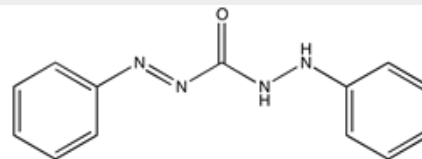
1,5-Diphenylcarbazone, for analysis, ExpertQ®**Identification**C₁₃H₁₂N₂O

M = 240,27 g/mol

CAS [538-62-5]

EC number: 208-698-0

Taric code: 2928 00 90

**Synonyms**

Phenyldiazeneacetic acid 2-phenylhydrazide, Phenylazoformic acid 2-phenylhydrazide

Applications

analytical chemistry, laboratory reagent, for the detection of: mercury.

Specifications

assay (HPLC).....35 - 40 %

identity (IR-spectrum).....passes test

melting point.....153 - 158 °C

solubility in acetone.....passes test

insoluble in C₂H₅OH passes test

residue on ignition.....max. 0,1 %

suitability for determination of Hgpasses test

Physical data

- Appearance: powder, orange
- Solub. in water: (20 °C): insoluble
- Melting point: 153 - 158 °C (decomposes)

Transport/storage

- 10°C - 30°C