

1,5-Diphenylcarbazine, for analysis, ExpertQ®, ACS

Identification

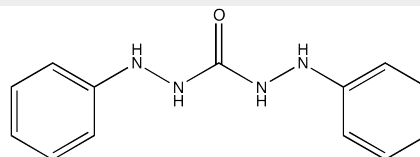
C₁₃H₁₄N₄O

M = 242,28 g/mol

CAS [140-22-7]

EC number: 205-403-7

Taric code: 2928 00 90



Synonyms

1,5-Diphenylcarbonic dihydrazide

Applications

analytical chemistry, reagent for metals detection.

Specifications

assay (HPLC).....approx. 98 %
identity (IR-spectrum).....passes test
melting point.....173 - 176 °C

solubility in aqueous acetone.....passes test
insoluble in C₂H₅OHpasses test
sensitivity to chromates.....passes test
residue on ignition.....max. 0,05 %

Physical data

- Bulk density: ~ 420 kg/m³
- Solub. in water: (20 °C): slightly soluble
- Melting point: 170 - 172 °C

Transport/storage

- 10°C - 30°C