

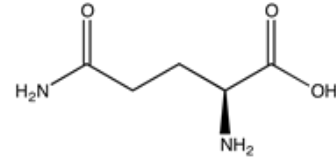
IdentificationC₅H₁₀N₂O₃

M = 146,15 g/mol

CAS [56-85-9]

EC number: 200-292-1

Taric code: 2924 19 00

**Synonyms**

L-Glutamic acid-5-amide

Applications

in biochemistry, analytical chemistry, for pharmaceuticals synthesizing, synthesis of organic products, in pharma industry.

Specifications

assay (titration with HClO ₄ , referred to dried sample) %	98,5 - 101,5	sulfates (SO ₄).....max. 0,03 %
identity (IR-spectrum).....passes test		iron (Fe).....max. 30 ppm
specific rotation ([α] ₂₀ ^o / D, c = 4, H ₂ O)..... + 6,3 ° - + 7,3 °		residue on ignition (as SO ₄).....max. 0,3 %
chlorides (Cl).....max. 0,05 %		loss on drying (105 °C, 3 h).....max. 0,3 %
		related substances (TLC).....max. 0,5 %

Physical data

- Bulk density: ~ 640 kg/m³
- Solub. in water: (18 °C): 26 g/l
- Melting point: 185 - 186 °C
- pH(50 g/l H₂O, 20 °C) 4,5 - 5,5

Transport/storage

- 5°C - 30°C