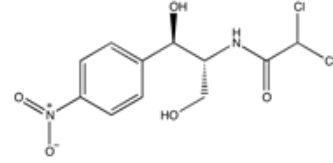


## Chloramphenicol, for biochemical purposes

**Identification**

$C_{11}H_{12}Cl_2N_2O_5$   
M = 323,13 g/mol  
CAS [56-75-7]  
EC number: 200-287-4  
Taric code: 2941 40 00

**Synonyms**

Chloromycetin

**Applications**

in biochemistry, for pharmaceuticals synthesizing, antibacterian.

**Specifications**

assay (DSC).....min. 99 %	acidity or alkalinity..... passes test
identity (IR-spectrum).....passes test	residue on ignition..... max. 0,1 %
specific rotation ( $[\alpha]_{20}^{D}$ , c = 5, absolut ethanol) +17 ° - +20 °	loss on drying (105 °C)..... max. 0,5 %

**Physical data**

- Appearance: crystals , almost white
- Solub. in water: (25 °C): 2,5 g/l
- Melting point: 149 - 153 °C
- pH(10 g/l H<sub>2</sub>O, 20 °C) 5 - 7

**Safety - GHS**

Signal Word: Danger

**Hazard Statements:**

H350: May cause cancer.

**Precautionary Statements:**

- P280: Wear protective gloves / protective clothing / eye protection / face protection.
- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P308+P313: IF exposed or concerned: Get medical advice / attention.
- P405: Store locked up.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- 15°C - 25°C