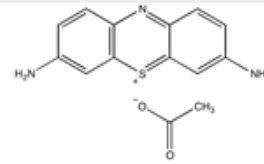


Identification

C₁₄H₁₃N₃O₂S
M = 287,34 g/mol
CAS [78338-22-4]
Taric code: 3204 19 00

**Synonyms**

Thionine (acetate), Lauth's violet

Applications

microscopy, indicator.

Specifications

assay (spectrophotometric).....min. 85 %	I max, H ₂ O)..... 1740 - 2070
Absorption maximum λ (in H ₂ O).....598 - 600 nm	related substances (TLC).....passes test
Absorptivity (A1%/1 cm; 0,0005 %	loss on drying (110 °C)..... max. 7 %
	suitability for microscopy.....passes test

Physical data

- Bulk density: ~ 560 kg/m³
- Solub. in water: (25 °C): ~ 2,5 g/l
- pH(1 g/l H₂O, 20 °C) ~ 6,8

Transport/storage

- 5°C - 30°C