

Identification

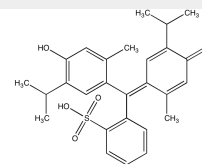
C₂₇H₃₀O₅S

M = 466,60 g/mol

CAS [76-61-9]

EC number: 200-973-3

Taric code: 2934 99 90


Synonyms

Thymolsulfonphthalein, TB

Applications

analytical chemistry, laboratory reagent, indicator.

Specifications

pH range 1: pink to brownish yellow 1,2 - 2,8

pH range 2: greenish-yellow to blue 8,0 - 9,2

Absorption max I1 (pH 1,2) 543 - 547 nm

Absorption max I2 (pH 2,8) 431 - 436 nm

Absorption max I3 (pH 7,8) 431 - 436 nm

Absorption max I4 (pH 9,5) 594 - 598 nm

Absorptivity (A1%/1 cm; I1, pH 1,2 on dried sample) 400 - 500

Absorptivity (A1%/1 cm; I2, pH 2,8 on dried sample) 200 - 300

Absorptivity (A1%/1 cm; I3, pH 7,8 on dried sample) 200 - 300

Absorptivity (A1%/1 cm; I4, pH 9,5 on dried sample) 450 - 550

loss on drying (110 °C)..... max. 3 %

Physical data

• Bulk density: ~ 350 kg/m³

• Melting point: 221 °C

Transport/storage

• 10°C - 30°C