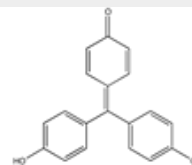


**Identification**

C<sub>19</sub>H<sub>14</sub>O<sub>3</sub>  
M = 290,32 g/mol  
CAS [603-45-2]  
EC number: 210-041-8  
Taric code: 3212 90 90

**Synonyms**

Aurin, 4-[Bis(4-hydroxyphenyl)methylene]2,5-cyclohexadien-1-one

**Applications**

microscopy, manufacture of dyes.

**Specifications**

pH range (yellow-red).....	6,8 - 8,0	iron (Fe).....	max. 0,005 %
Absorption maximum $\lambda$ (in ethanol + 2 ml HCl 1N)	482 - 486 nm	lead (Pb).....	max. 0,005 %
Absorptivity (A1%/1 cm; $\lambda$ max.).....	> 1250	nickel (Ni).....	max. 0,005 %
insoluble in C <sub>2</sub> H <sub>5</sub> OH .....	passes test	residue on ignition (as SO <sub>4</sub> ).....	max. 0,5 %
copper (Cu).....	max. 0,005 %	loss on drying (110 °C, 1h).....	max. 10 %

**Physical data**

• Solub. in water: (20 °C): 1,2 g/l

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.

**Precautionary Statements:**

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.  
P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321: Specific treatment (see on this label).  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

• 10°C - 30°C