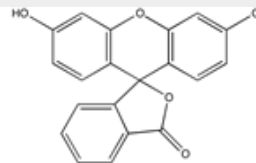


**Identification**

$C_{20}H_{12}O_5$   
M = 332,31 g/mol  
CAS [2321-07-5]  
EC number: 219-031-8  
Taric code: 3204 90 00

**Synonyms**

3',6'-Dihydroxyspiro[isobenzofuran-1(3H),9'-(9H)xanthen]-3-one

**Applications**

analytical chemistry, laboratory reagent, indicator, for the detection of: bromine.

**Specifications**

Absorption maximum  $\lambda$  (NaOH, 0,1 M) ..... 487 - 491 nm  
Absorptivity ( $A_{1\%}/1\text{ cm}$ ;  $\lambda$  max.)..... 2200 - 2500

sensitivity as reagent for bromides..... passes test  
suitability as adsorption indicator ..... passes test  
loss on drying (135 °C) ..... max. 5 %

**Physical data**

- Appearance: powder, reddish
- Solub. in water: (20 °C): insoluble
- Melting point: 320 °C

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

H319: Causes serious eye irritation.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P264: Wash thoroughly after handling.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice / attention.

**Transport/storage**

- 15°C - 25°C