

Catalog Number: CM01414

## 产品信息

**Catalog Number:**  
CM01414

**CAS号:**  
62758-13-8

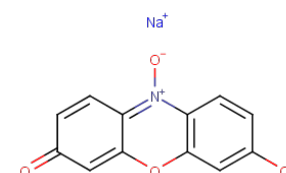
**分子式:**  
C<sub>12</sub>H<sub>6</sub>NNaO<sub>4</sub>

**主要靶点:**  
Antibacterial

**主要通路:**  
微生物学

**分子量:**  
251.17

**溶解度:**  
DMSO:150 mg/mL (597.21 mM)



## 体外活性

Resazurin 抑制包括对多种抗生素产生耐药性的 *N. gonorrhoeae* 分离株在内的广泛 *N. gonorrhoeae* 分离株的生长[1]。

## 体内活性

在体内，resazurin 并未限制小鼠在阴道感染后与 *N. gonorrhoeae* 的定植。resazurin 在体内无效很可能是因为它与血清白蛋白的相互作用，这完全消减了其抗菌活性[1]。

## 细胞实验

Overnight broth cultures were used to inoculate FB containing resazurin sodium salt, resorufin sodium salt, resorufin acetate [Marker Gene Technologies, Eugene, OR; dissolved in dimethyl sulfoxide (DMSO)], resorufin butyrate or resorufin pentyl ether. In select experiments, FB was also supplemented with 3 g/dL bovine serum albumin (BSA). Immediately following inoculation and 24 h later, cultures were serially diluted and were plated onto chocolate II agar. Plates were incubated at 37 °C in 5% CO<sub>2</sub> and individual colonies were enumerated. The limit of detection was 100 CFU/mL[1].

## 储存

keep away from direct sunlight | Powder: -20°C for 3 years | In solvent: -80°C for 1 year | Shipping with blue ice.