

Resazurin sodium salt

Catalog No: tcsc0040317

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Available Sizes

Size: 1g

Specifications

CAS No:

62758-13-8

Formula:

C₁₂H₆NNaO₄

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

DMSO : 150 mg/mL (597.21 mM; Need ultrasonic and warming)

Observed Molecular Weight: 251.17

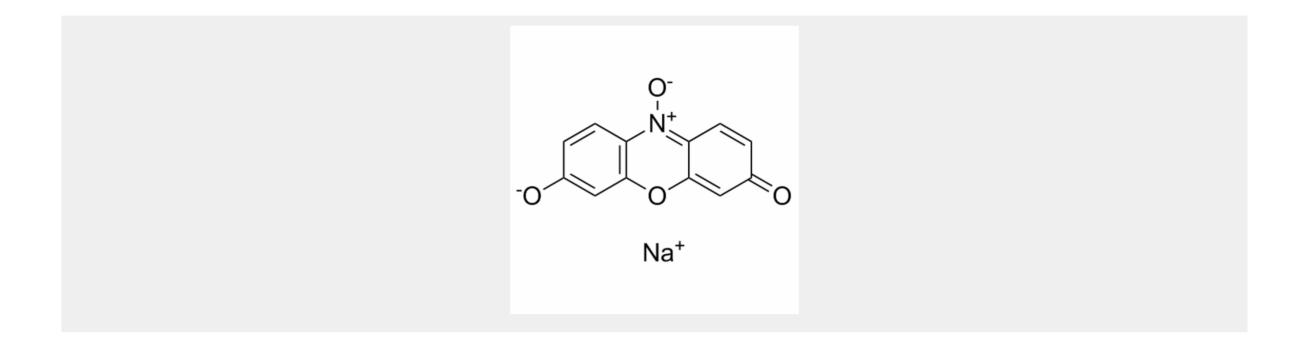
Product Description

Resazurin sodium salt is commonly used to measure bacterial and eukaryotic cell viability through its reduction to the fluorescent product resorufin.

In Vitro: Resazurin sodium salt is commonly used to measure bacterial and eukaryotic cell viability through its reduction to the fluorescent product resorufin. No viable bacteria are detected 24 h post-inoculation following inclusion of Resazurin sodium salt in TSBc cultures of *F. tularensis* LVS at the concentration of 44 μ M. Lowering the Resazurin sodium salt concentration to as little as 4.4 μ M still results in a 10-fold reduction in viable *F. tularensis* LVS compare to growth medium alone. Both Resazurin sodium salt treatments result in a significant decrease in viable *F. tularensis* LVS bacteria over 22 h. Treatment with Resazurin sodium salt



significantly reduces the number of viable *F. tularensis* LVS bacteria in HEK293 cells 22 h post-infection^[1].



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