

Resazurin sodium salt

Catalog No: tcsc0040317



Available Sizes

Size: 1g



Specifications

CAS No:

62758-13-8

Formula:

$C_{12}H_6NNaO_4$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

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

Observed Molecular Weight:

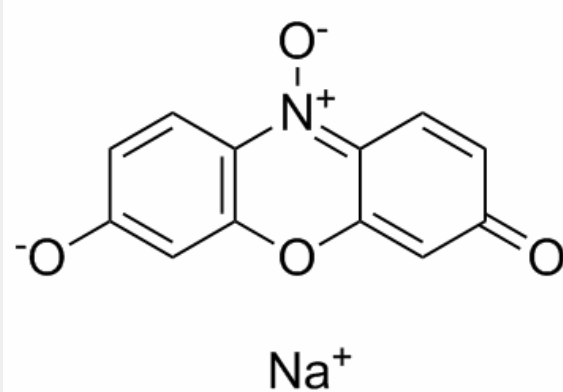
251.17

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].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!