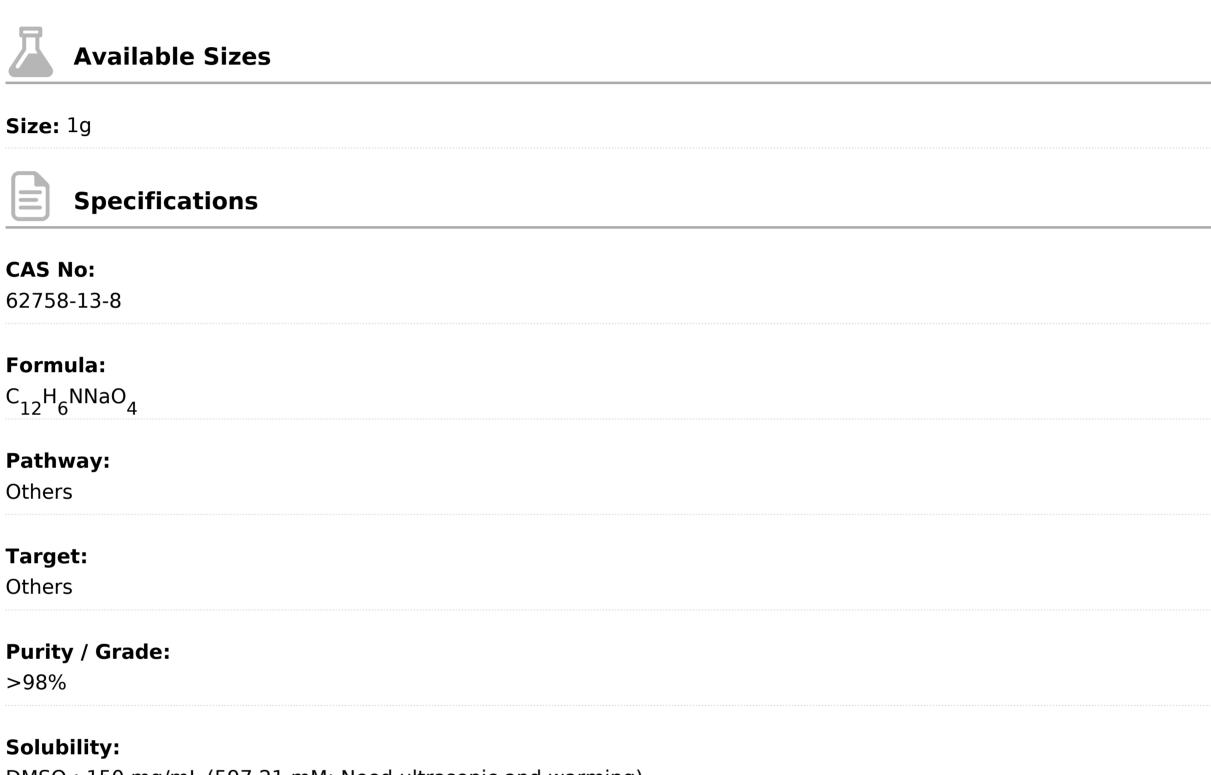




Resazurin sodium salt

Catalog No: tcsc0040317



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 μM 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].

$$Na^+$$

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