

Novo-TRX

Cat. No. CEI-1019

Lot. No. (See product label)

Introduction

Description Novobiocin is an aminocoumarin antibiotic that is produced by *Streptomyces niveus*. Along with other aminocoumarin antibiotics, novobiocin is a very potent inhibitor of bacterial DNA gyrase. It works by targeting the GyrB subunit of the enzyme involved in energy transduction. Novo-TRX is Texas Red-labeled novobiocin, which can be used as a fluorescence probe in assays for screening DNA gyrase inhibitors.

Product Information

Appearance A red aqueous solution.

CAS No. "1476-53-5(Novobiocin

Molecular Formula C₇₀H₈₀N₆O₁₈S₂

Molecular Weight 1357.5

Purity >93.3%

Targets bacterial DNA gyrase

IC50 0.6 μM

Storage and Shipping Information

Storage Store at or below -20 centigrade.