

## 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** C<sub>70</sub>H<sub>80</sub>N<sub>6</sub>O<sub>18</sub>S<sub>2</sub>

**Molecular Weight** 1357.5

**Purity** >93.3%

**Targets** bacterial DNA gyrase

**IC<sub>50</sub>** 0.6 μM

### Storage and Shipping Information

**Storage** Store at or below -20 centigrade.