

## Novobiocin, sodium salt

Cat. No. CEI-1020

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.

### Product Information

<b>Appearance</b>	A beige powder.
<b>CAS No.</b>	1476-53-5
<b>Molecular Formula</b>	C <sub>31</sub> H <sub>35</sub> N <sub>2</sub> NaO <sub>11</sub>
<b>Molecular Weight</b>	634.61
<b>Purity</b>	> 93%
<b>Targets</b>	bacterial DNA gyrase
<b>IC<sub>50</sub></b>	0.08 µM

### Storage and Shipping Information

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