

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

Appearance	A beige powder.
CAS No.	1476-53-5
Molecular Formula	C ₃₁ H ₃₅ N ₂ NaO ₁₁
Molecular Weight	634.61
Purity	> 93%
Targets	bacterial DNA gyrase
IC₅₀	0.08 μM

Storage and Shipping Information

Storage Store at or below -20 centigrade.