



Nourseothricin - Solution

NTC or clonNAT

sterile ready-to-go stock solution, 100 mg/ml

Cat. No.	Amount
AB-101S	1 ml
AB-101L	5 ml
AB-101-10ML	10 ml
AB-101-50ML	50 ml

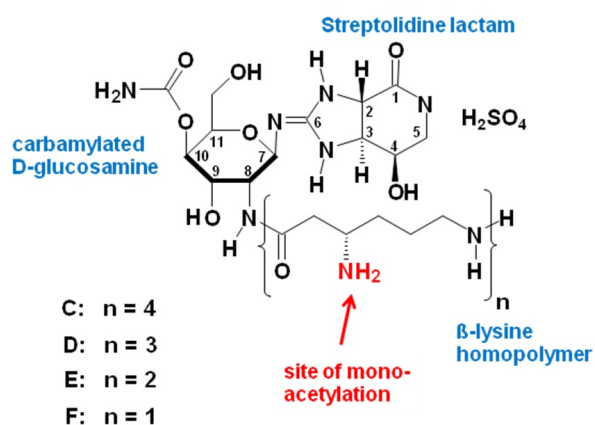
Description:

Streptothricin antibiotic Nourseothricin (NTC) for a broad spectrum of bacteria and other unicellular or complex organisms. Preferred selection antibiotic for genetically modified Gram-positive and Gram-negative bacteria, yeast, filamentous fungi, protozoa, microalgae, plants and many more. Selection of recombinant strains is based on inactivation of NTC by mono-acetylation of β -amino group of the β -lysine by Nourseothricin N-acetyltransferase the product of the *sat1* or *nat1* genes.

Selection:

For selection of recombinant *Leishmania* strains Nourseothricin (NTC) is added to growth medium to a final concentration of 100 μ g/ml.

For selection of other species please refer to [NTC_superior_selection_tool.pdf](#).



For research use only! Not intended for human or animal diagnostic or therapeutic uses.

Shipping: shipped on blue ice

Storage Conditions: store at -20 °C

Shelf Life: 12 months

Molecular Formula: $C_{19}H_{34}O_8N_8 \cdot H_2SO_4$ (Streptothricin F)

Molecular Weight: 600 g/mol (Streptothricin F)

CAS#: 96736-11-7

Form: beige liquid

Concentration: 100 mg/ml of sterile filtrated Nourseothricin in water

pH: 6.3