

Nourseothricin

Cat. Number: N9210

Quantity size: 100mg

Storage: shipped on blue ice, store at -20°C.

Shelf Life: 36 months

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

Molecular Weight: 600g/mol (Streptothricin F)

CAS#: 96736-11-7

Form: non-sterile powder

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.

