



## Neomycin Trisulfate Hydrate

An aminoglycoside broad-spectrum antibiotic active against gram-negative and gram-positive bacteria.

A useful tool in microbiology, neomycin trisulfate Hydrate powder is a strong aminoglycoside antibiotic with broad-spectrum action. It is very useful for preparing selective culture media since it is effective against a broad variety of bacteria, both gram-positive and gram-negative.

With the use of these selective media, which target certain strains for targeted cultivation and research, undesired bacterial growth is inhibited by the inhibitory properties of Neomycin Trisulfate Hydrate Powder.

Cat. Number	AS-2016
CAS Number	1405-10-3
Additional CAS	1404-04-2
MDL Number	MFCD00150827
PubChem	310277692
Molecular Weight	908.88 g/mol
Molecular Formula	$C_{23}H_{46}N_6O_{13} \cdot 3H_2SO_4$
Storage Temperature	20°C
Form and Color	Powder, white to light yellow
Assay (on dry basis)	Min. 600 µg/mg
Sulphated ash	≤ 1%
Loss on Drying (105 °C)	Max. 8%
Synonym	Neomycin Sulfate