

G418 Sulfate (Geneticin®)
50mg/ml Solution
EU0601

G418 Sulfate is an aminoglycoside related to Gentamycin.

Used as a selection agent in bacterial genetics whereby two dominant genes of bacterial origin confer resistance in eukaryotic cells. Toxic to yeast, bacteria, many plant and mammalian cells, helminthes and protozoans

CAS: [108321-42-2]
Formula: $C_{20}H_{40}N_4O_{10} \cdot 2H_2SO_4$
MW: 692.7
Potency: >600 µg/mg

Form: G418 Sulfate solution
50mg/ml in water
Sterile-filtered 0.2µm

Storage: Short term: refrigerate at +4°C
Long term: -20°C

Suggested working concentration:

100-800 µg/ml
Mammalian selection: 400 µg/ml
Maintenance: 200 µg/ml

Safety: Avoid contact with skin, eyes and clothing.



Danger

H317 Peut provoquer une allergie cutanée. **H334** Peut provoquer des symptômes allergiques ou d'asthme ou des difficultés respiratoires par inhalation.

P261 Éviter de respirer les vapeurs. **P280** Porter des gants de protection. **P342+P311** En cas de symptômes respiratoires: appeler un CENTRE ANTIPOISON ou un médecin.