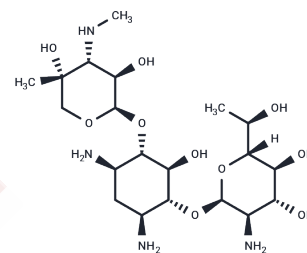


G-418

Chemical Properties

CAS No. : 49863-47-0
 Formula: C₂₀H₄₀N₄O₁₀
 Molecular Weight: 496.55
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	G-418 (Geneticin), an aminoglycoside antibiotic resembling gentamicin in structure, demonstrates toxicity to both eukaryotic and prokaryotic cells by obstructing protein synthesis [1].
Targets(IC50)	Others,Antibacterial,Antibiotic,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0139 mL	10.0695 mL	20.139 mL
5 mM	0.4028 mL	2.0139 mL	4.0278 mL
10 mM	0.2014 mL	1.0069 mL	2.0139 mL
50 mM	0.0403 mL	0.2014 mL	0.4028 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481