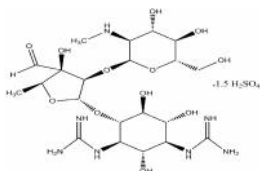


**Product: Streptomycin Sulfate**

ALTERNATE NAME: Streptomycin sesquisulfate; Streptomycin A

CATALOG #: 2517-50G, 100G, 500G

AMOUNT: 50 g, 100 g, 500 g



STRUCTURE:

MOLECULAR FORMULA:  $(\text{C}_{21}\text{H}_{39}\text{N}_7\text{O}_{12})_2 \cdot 3\text{H}_2\text{SO}_4$ 

MOLECULAR WEIGHT: 1457.4

CAS No. 3810-74-0

APPEARANCE: White to off-white powder

SOLUBILITY:  $>\text{H}_2\text{O}$  (~50 mg/ml)POTENCY:  $>700$  IU/mgSTORAGE: Store at  $+4^\circ\text{C}$ . Protect from air and moisture

**DESCRIPTION:** An aminoglycoside antibiotic useful for inhibition of bacterial protein synthesis at the level of initiation inhibition. Streptomycin sulfate targets primarily Gram positive bacteria and *Mycobacterium*. Interestingly, streptomycin has been found to be effective against certain  $\beta$ -lactam sensitive VRE or vancomycin resistant *Enterococcus*. Can be used as a selection agent in several types of isolation media.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Ampicillin trihydrate (Cat. No. 2483-1 G, 5G, 25 G)

Ampicillin sodium (Cat. No. 2484-1G, 5G, 25G)

Betulinic Acid (Cat. No. 1552-25)

Bexarotene (Cat. No. 1575-5, 50)

Blasticidin S, Hydrochloride (Cat. No. 1859-25,100)

Capecitabine (Cat. No. 1741-100, 1000)

Carboplatin (Cat. No. 1553-100)

Chloramphenicol (Cat. No. 2486-25G, 100G, 500G)

Cisplatin (Cat. No. 1550-100,1000)

Cycloheximide (Cat. No. 1041-1G, 5G)

Cycloheximide (100 mM) (Cat. No. 1041-1)

Daunorubicin.HCl (1524-10,50,500)

Doxorubicin HCl (Cat. No. 1527-5)

Fludarabine Phosphate (Cat. No. 1763-10, 50)

G-418 Sulfate (Cat. No. 1557-100, 5G, 25G)

Gemcitabine Hydrochloride (Cat. No. 1759-25, 100)

Genistein (Cat. No. 1533-10)

Nedaplatin (Cat. No. 1576-5)

Oxaliplatin (Cat. No. 1577-25)

Paclitaxel (Cat. No. 1567-25)

Puromycin DiHydrochloride (Cat. No. 1860-25, 100, 250, 500,1000)

EZSolution™ Puromycin Dihydrochloride (Cat. No. 1861-100)

Streptozocin (Cat. No. 1930-100, 500, 1000)

Tamoxifen Citrate (Cat. No. 1551-1000)

**FOR RESEARCH USE ONLY! Not to be used in humans.**