

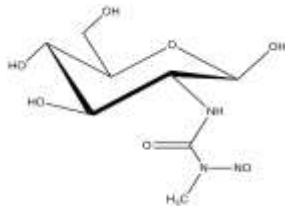
Streptozocin

ALTERNATE NAME: 2-Deoxy-2-[[[(methylnitrosoamino)carbonyl]amino]-D-glucose

CATALOG #: 1930-100, 500, 1000

AMOUNT: 100 mg, 500 mg, 1 g

STRUCTURE:



MOLECULAR FORMULA: C₈H₁₅N₃O₇

MOLECULAR WEIGHT: 265.22

CAS NUMBER: 18883-66-4

APPEARANCE: White solid

SOLUBILITY: Water (100 mM)

PURITY: ≥95%

STORAGE: Store at -20 °C. Protect from moisture

DESCRIPTION: An antitumor antibiotic. Acts as a DNA alkylating agent that enters cells exclusively via the GLUT2 glucose transport protein. Also acts as a diabetagen, and is especially toxic to pancreatic islet insulin-producing β-cells. It is toxic to GLUT2 positive neuroendocrine tumor cells. Streptozocin has been used to induce Type 1 diabetes for medical research.

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

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Betulinic Acid (**Cat. No. 1552-25**)
- Bexarotene (**Cat. No. 1575-5, 50**)
- Blastidicin S, Hydrochloride (**Cat. No. 1859-25,100**)
- Capecitabine (**Cat. No. 1741-100, 1000**)
- Carboplatin (**Cat. No. 1553-100**)
- 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**)
- Tamoxifen Citrate (**Cat. No. 1551-1000**)