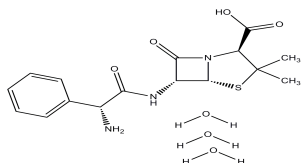


Product: Ampicillin trihydrate**ALTERNATE NAME:** D-(-)- α -Aminobenzylpenicillin, trihydrate**CATALOG #:** 2483-5G, 25G, 100G**AMOUNT:** 5 g, 25 g, 100 g**STRUCTURE:****MOLECULAR FORMULA:** C₁₆H₁₉N₃O₄S · 3H₂O**MOLECULAR WEIGHT:** 403.45**CAS No.** 7177-48-2**APPEARANCE:** White crystalline solid**SOLUBILITY:** H₂O (~10 mg/ml) or 1 N HCl (50 mg/ml)**STORAGE:** Store at +4 °C. Protect from air and moisture**DESCRIPTION:** A β -lactam antibiotic structurally related to penicillin. Inhibits bacterial cell-wall synthesis by inactivating transpeptidases on the inner surface of the bacterial cell membrane. Ampicillin can be used as a selective agent in several types of isolation media. Ampicillin is routinely used to select for cells containing the pcDNA3.1 and pEAK10 resistance plasmids in cell line A904L at an effective concentration of 50 μ g/ml.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

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)

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.