HEPES Solution (1 M, pH7.3, Cell Culture Tested)

Introduction

HEPES is frequently used in cell culture media as an alternative to sodium bicarbonate. It provides strong buffering capacity within the pH range of 7.2-7.6, making it ideal for open-system cultures or procedures outside of a CO_2 incubator.

HEPES Solution (1 M, pH7.3, Cell Culture Tested) is prepared from high-purity HEPES using cell-culture grade water. The solution is sterile and ready for direct use in cell culture media and other laboratory applications.

Storage

Store at 4°C for one year.

Protocol

Add HEPES Solution (1 M, pH7.3, Cell Culture Tested) directly to cell culture medium to a final concentration of 10-25 mM. The concentration may be adjusted based on specific experimental requirements.

Note

1. For your safety and health, please wear lab coats and gloves during the experiment.
2. For research use only. Not to be used in clinical diagnostic or clinical trials.

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