

Hepes

Catalogue No.: abx082359

Hepes is a small molecule.

Appearance: White crystalline powder

Solubility: 500 mg/ml in water

pH: 5.0 - 6.5

Target: Hepes

Conjugation: Unconjugated

Purity: > 99.5%

Purification: Titration

Storage: Store at room temperature for upto 3 years.

Molecular Weight: 238.3 g/mol

Molecular Formula: $C_8H_{18}N_2O_4S$

Buffer: Not applicable.

CAS Number: 7365-45-9

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Directions for use: HEPES (10 mmol/L) buffer preparation method: Weigh 2.383 g of HEPES and add fresh triple distilled water to make volume upto 1 L. Sterilise by filtration, aliquot and store at 4 °C.

Use aseptic techniques to avoid contamination.

For the use as a buffer in cell culture medium, if HEPES is exposed to light for more than 3 hours, it may undergo oxidation to produce hydrogen peroxide, which has a toxic effect on cells.