

Sodium Pyruvate Solution (100mM, Sterile)

Cat #: A-CSH765

Size: 100mL

Storage: 2-8°C (12 months)

Product Description

Sodium pyruvate is commonly used as an energy supplement in culture media, in addition to glucose. It is added to the medium because cells utilize sodium pyruvate as an intermediate metabolite in the glycolytic pathway. However, not all cell cultures require the addition of sodium pyruvate. While cells can produce sodium pyruvate on their own, some cells may require additional supplementation during in vitro culture, especially during clone cultivation and serum reduction.

Usage

This product is used for in vitro culture of tissues and cells. The recommended working concentration of sodium pyruvate in most cell culture media is 1 mM. The specific concentration can be adjusted according to experimental requirements.

Notes

1. Pay special attention to aseptic techniques during use to avoid microbial contamination of the solution.
2. This product is a 100 mM concentrated solution. Dilute it according to actual needs before use.
3. This product is intended for scientific research use by professionals only and should not be used for clinical diagnosis or treatment, or for food or drugs.
4. For your safety and health, please wear lab attire and disposable gloves during operation.

Disclaimer

The reagent is only used in the field of scientific research, not suitable for clinical diagnosis or other purposes.