

Product Name: Mg-ATP Solution

Product Code: TBS-060

Quantity: 100 µl

FOR RESEARCH USE ONLY (RUO)

Storage:

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Aliquot and store ≤ -20°C (stable for 24 months from date of receipt).

Verified Applications / Usage

Mg-ATP Solution is convenient for in vitro reactions requiring ATP. This Magnesium-ATP Solution is pH-adjusted to 7.0 to increase stability. Final Mg-ATP concentration is specific to the application, but typically 1-10 mM. Before use, thaw solution rapidly, then mix thoroughly by inverting and vortexing

Physical Characteristics

Concentration: 100 mM

Stability/Storage: Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Aliquot and store ≤ -20°C (stable for 24 months from date of receipt).

Shipping: The product is shipped with dry ice or equivalent. Upon receipt, store it immediately at the temperature recommended below.

Background

Description

Pre-mixed Mg-ATP Solution is a convenient energy source for purified or semi-purified conjugation/degradation reactions. Magnesium-ATP Solution is unbuffered but adjusted to pH 7 to increase stability.