

Serine/Threonine Phosphatase Inhibitor Cocktail(100X)

CATALOG # FC0030-0001 (1 vial of phosphatase inhibitor cocktail in 1.0 mL DMSO)

STORAGE : 4

DESCRIPTION

The Serine/Threonine Phosphatase Inhibitor Cocktail has broad inhibition of serine/threonine protein phosphatases and L-isozyme of alkaline phosphatase.

SPECIFICATIONS

Components: Each phosphatase inhibitor cocktail vial contains the following components in dimethyl sulfoxide (DMSO):

Inhibitor	Concentration	Target / Applications
Cantharidin	0.1 mg/mL	protein phosphatase 2A
(-)-p-Bromotetramisole	0.75 mg/mL	alkaline phosphatase
Microcystin LR	0.5 µg/mL	protein phosphatase 1 and 2A

Shipping and Storage: The Serine/Threonine Phosphatase Inhibitor Cocktail is shipped at 4 °C. For maximum stability and long-term use, store at 4 °C. The product is stable for one year when stored properly.

PACKAGE QUALITY

One vial makes 100 mL of extract solution.

QUALITY EQUIVALENCY

One mL of cocktail is recommended for the preparation of 100 mL extract buffer that contained a maximum 500 mg of proteins. One vial is recommended for the

inhibition of serine/threonine phosphatases present in a maximum of 500 mg of cell or tissue extract.

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