Hello Bio. Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@m2stage.hellobio.com



DATASHEET

Phosphatase Inhibitor Cocktail solution (with Calyculin A)

Product overview

Name Phosphatase Inhibitor Cocktail solution (with Calyculin A)

Cat No HB9102 **Biological action** Inhibitor

Phosphatase Inhibitor Cocktail solution (with Calyculin A) for the inhibition of serine/threonine and Description

alkaline phosphatases.

Biological Data

Biological description Overview

This phosphatase inhibitor cocktail contains a mixture of three phosphatase inhibitors for the inhibition of serine/threonine and alkaline phosphatases.

Phosphatase inhibitor cocktails preserve the phosphorylation state of the proteins in your sample.

Components and action

The following components are included in this cocktail which target phosphatases including protein tyrosine phosphatases, acid and alkaline phosphatases..

- Cantharidin: serine/threonine phosphatase (PP2A) inhibitor (500 μM)
- (-)-p-Bromotetramisole oxalate: Alkaline phosphatase inhibitor (2.5mM)
- Calyculin A: serine/threonine phosphatase (PP1 and PP2A) inhibitor (1 μM)

Formulation & usage recommendation

The cocktail is supplied in DMSO (1 ml). Recommended for use with tissue and cell extracts including extracts containing detergents. Recommended usage is a 100-fold dilution.

Solubility & Handling

Storage instructions Solubility overview

-20°C

Shipping conditions

Soluble in Water, DMSO (supplied in 1ml DMSO)

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Important

Appearance Colorless liquid