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

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

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

Solubility overview	Soluble in Water, DMSO (supplied in 1ml DMSO)
Storage instructions	-20°C
Storage of solutions	Prepare and use solutions on the same day if possible. Store solutions at -20°C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.
Shipping Conditions	Stable for ambient temperature shipping. Follow storage instructions on receipt.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Appearance	Colorless liquid