

## DATASHEET

### Phosphatase Inhibitor Cocktail solution (with Calyculin A)

#### Product overview

<b>Name</b>	Phosphatase Inhibitor Cocktail solution (with Calyculin A)
<b>Cat No</b>	HB9102
<b>Biological action</b>	Inhibitor
<b>Description</b>	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  $\mu$ M)
- (-)-p-Bromotetramisole oxalate: Alkaline phosphatase inhibitor (2.5mM)
- Calyculin A: serine/threonine phosphatase (PP1 and PP2A) inhibitor (1  $\mu$ M)

##### 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

-20 °C

##### Solubility overview

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

##### Shipping conditions

ambient

##### 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

