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## 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 Solubility overview Shipping conditions Important

-20°C

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

ambient

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

