

## bpV(pic)

Cat. No. CEI-0639

Lot. No. (See product label)

### Introduction

#### Description

A bisperoxovanadium compound that acts as a potent protein phosphotyrosine phosphatase (PTP) inhibitor as well as an insulin receptor kinase (IRK) activator. Also a potent PTEN inhibitor ( $IC_{50} = 31$  nM).

#### Synonyms

Dipotassium bisperoxo (picolinato) oxovanadate (V)

### Product Information

#### Appearance

Lyophilized solid

#### CAS No.

148556-27-8

#### Molecular Formula

$K[VO(O_2)_2C_6H_4NO_2] \cdot 2H_2O$

#### Chemical Name

Dipotassium bisperoxo (picolinato) oxovanadate (V)

#### Molecular Weight

467.5

#### Purity

Single spot by TLC

#### Targets

PTP, PTEN

#### Solubility

DMSO (20 mM)

### Storage and Shipping Information

#### Storage

-20 centigrade

#### Shipping Conditions

Gel pack