

bpV(phen)

Cat. No. CEI-0637

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 an excellent insulin mimetic in vitro and in vivo and a potent PTEN inhibitor (IC₅₀ = 38 nM).

Synonyms

Potassium bisperoxo(1,10-phenanthroline)oxovanadate (V)

Product Information

Appearance

White to off-white solid

CAS No.

42494-73-5

Molecular Formula

$K[VO(O_2)_2C_{12}H_8N_2] \cdot 3H_2O$

Molecular Weight

151.17

Purity

>95% by HPLC

Targets

PRH2

Solubility

DMSO

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack