

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 (IC₅₀ = 31 nM).

Synonyms Dipotassium bisperoxo (picolinato) oxovanadate (V)

Product Information

Appearance Lyophilized solid

CAS No. 148556-27-8

Molecular Formula K[VO(O₂)₂C₆H₄NO₂].2H₂O

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