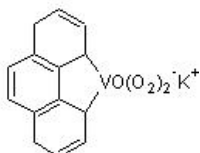


Product datasheet

bpV(phen), PTP and PTEN inhibitor ab141436

Overview

Product name	bpV(phen), PTP and PTEN inhibitor
Description	Potent, broad spectrum PTP and PTEN inhibitor. Insulin receptor kinase activator.
Biological description	Potent, broad spectrum PTP and PTEN inhibitor (IC ₅₀ = 38 nM, PTEN). Insulin mimetic. Activates insulin receptor kinase. Prevents ketonuria <i>in vivo</i> . Orally active.
Purity	> 98%
CAS Number	42494-73-5
Chemical structure	



Properties

Chemical name	Potassium bisperoxo(1,10-phenanthroline)oxovanadate (V)
Molecular weight	404.30
Molecular formula	C ₁₂ H ₈ KN ₂ O ₅ V.3H ₂ O
PubChem identifier	16760322
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 10 mM and in DMSO
Handling	Unstable; make up solutions fresh and use immediately. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	C1=CC2=C(C3=C(C=CC=N3)C=C2)N=C1.O.O.O.[OH-].OO.OO.[K+].[V]
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team