

Product datasheet

bpV(HOpic), PTP and PTEN inhibitor ab144214

Overview

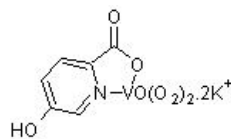
<b>Product name</b>	bpV(HOpic), PTP and PTEN inhibitor
<b>Description</b>	PTP and PTEN inhibitor
<b>Biological description</b>	Inhibits PTP (IC <sub>50</sub> = 4-25 μM) and PTEN (IC <sub>50</sub> = 14 nM). Insulin mimetic. Enhances PI3K/Akt signaling and possibly prevents myocardium from ischemia-reperfusion injury. Active <i>in vitro</i> .

[See similar compound](#)

**Purity** > 95%

**General notes** This product is not stable in water; immediately upon dissolution decomposition starts to occur. Decomposition in dry DMSO has also been observed but at a slower rate.

**Chemical structure**



Properties

<b>Chemical name</b>	Dipotassium bisperoxo(5-hydroxypyridine-2-carboxyl)oxovanadate (V)
<b>Molecular weight</b>	347.24
<b>Molecular formula</b>	C <sub>6</sub> H <sub>4</sub> K <sub>2</sub> NO <sub>8</sub> V
<b>Storage instructions</b>	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
<b>Solubility overview</b>	Soluble in DMSO
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>Source</b>	Synthetic

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

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