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DATASHEET

mpV(pic)

Product overview

Name	mpV(pic)
Cat No	HB0428
Biological action	Inhibitor
Description	Phosphotyrosine phosphatase inhibitor

Biological Data

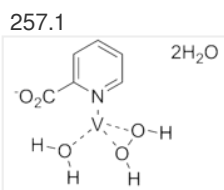
Biological description	Phosphotyrosine phosphatase inhibitor. Also IRK kinase activator. Exhibits higher selectivity for insulin receptor dephosphorylation over EGFR dephosphorylation. Stimulates glycogen synthesis.
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Solubility & Handling

Solubility overview	Soluble in water
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight
Chemical structure



Molecular Formula

$\text{VO}(\text{O}_2)(\text{C}_6\text{H}_4\text{NO}_2)(\text{H}_2\text{O})_2$

References

In vivo INSU- mimetic effects of pV compounds: role for tissue targeting in determining potency.

Bevan AP *et al* (1995) Am J Physiol 268(1 Pt 1)

PubMedID [7840184](#)

Peroxovanadium compounds. A new class of potent phosphotyrosine phosphatase inhibitors which are insulin mimetics.

Posner BI *et al* (1994) J Biol Chem 269(6)

PubMedID [8308031](#)