

PI4K beta Inhibitor Small Molecule (Tool Compound)

Catalogue number: 153578

Sub-type: Inhibitor

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: PI4K beta Inhibitor Small Molecule (Tool Compound)

Alternate name:

Class:

Conjugate:

Description: Potent and selective small molecule inhibitor of PI4K β , an isoform mainly associated with the Golgi complex where it functions in the generation of Golgi-derived carriers. In addition to the Golgi apparatus, PI4K β has also been visualised on lysosomes where it functions to maintain lysosomal membrane integrity. In a cellular environment, inhibition of PI4K β does not lead to a reduction in phosphatidylinositol-4-phosphate and phosphatidylinositol-4,5-bisphosphate concentration

Purpose: Inhibitor

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity: 5.1 (PI4K β); 4.7 (PI3K β); **Host:**

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes: Compound 3 (PMID: 24366037). AstraZeneca Alliance.

Target details

Target:

Target alternate names:

Target background:

Molecular weight: 499.13

Ic50: 7.8 (PI4KÎ?)

Applications

Application:

Application notes:

Handling

Format:

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry Ice

Related tools

Related tools:

References

References: Rickman et al. 2004. J Biol Chem. 279(1):644-51. PMID: 14551199. ; High affinity interaction of syntaxin and SNAP-25 on the plasma membrane is abolished by botulinum toxin E.

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