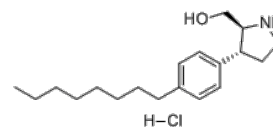


Product Name : SH-BC-893
Cat. No. : PC-35653
CAS No. : 1841409-92-4
Molecular Formula : C₁₉H₃₂ClNO
Molecular Weight : 325.921
Target : Protein Phosphatase/PTP
Solubility : 10 mM in DMSO



Biological Activity

SH-BC-893 is a water-soluble, orally bioavailable synthetic sphingolipid that triggers nutrient transporter internalization and also blocks lysosome-dependent nutrient generation pathways in cancer cells, activates protein phosphatase 2A (**PP2A**), leading to mislocalization of the lipid kinase PIKfyve.

SH-BC-893 selectively kills cells expressing an activated form of the anabolic oncogene Ras in vitro and in vivo.

References

Kim SM, et al. *J Clin Invest*. 2016 Nov 1;126(11):4088-4102.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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