

Product Name : 740Y-P
Cat. No. : PC-25861
CAS No. : 1236188-16-1
Molecular Formula : C₁₄₁H₂₂₂N₄₃O₃₉PS₃
Molecular Weight : 3270.70
Target : PI3K
Solubility : 10 mM in DMSO

L-Serine, L-arginyl-L-glutamyl-L-isoleucyl-L-lysyl-L-isoleucyl-L-tryptophyl-L-
L-asparaginyl-L-arginyl-L-arginyl-L-methionyl-L-lysyl-L-tryptophyl-L-lysyl-L-ty
L-alpha-aspartylglycylglycyl-O-phosphono-L-tyrosyl-L-methionyl-L-alpha-as

CAS: 1236188-16-1
Peptide 740 -P

Biological Activity

740Y-P (PDGFR 740Y-P, 740 Y-P) is a potent and cell-permeable **PI3K activator**/agonist, binds to SH2 domain of p85 regulatory subunit of PI3-kinase, induces iNOS expression and SGHPL-4 cell motility.

References

D Derossi, et al. *Biochem Biophys Res Commun.* 1998 Oct 9;251(1):148-52.

Cartwright JE, et al. *Exp Cell Res.* 2002 Oct 1;279(2):219-26.

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

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