

PDGFR Y1021 peptide (phosphorylation)

Cat. No.:	HY-P10270
CAS No.:	147428-10-2
Molecular Formula:	C ₆₄ H ₉₉ N ₁₄ O ₂₄ P
Molecular Weight:	1479.52
Sequence:	Asp-Asn-Asp-[pTyr]-Ile-Ile-Pro-Leu-Pro-Asp-Pro-Lys
Sequence Shortening:	DND-[pTyr]-IIPLPDPK
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

PDGFR Y1021 peptide (phosphorylation) is the phosphorylated fragment of platelet-derived growth factor receptor (PDGFR). PDGFR Y1021 peptide (phosphorylation) supports association of PLC γ to PDGFR through PLC γ SH2 domains, and thus promotes the production of inositol phosphates and mitogenic response^[1].

REFERENCES

[1]. Valius M, et al., Tyrosines 1021 and 1009 are phosphorylation sites in the carboxy terminus of the platelet-derived growth factor receptor beta subunit and are required for binding of phospholipase C gamma and a 64-kilodalton protein, respectively. Mol Cell Biol. 1993 Jan;13(1):133-43.

Caution: Product has not been fully validated for medical applications. For research use only.

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