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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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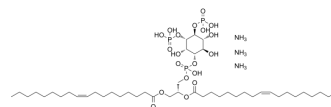
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PI(3,4)P2 (18:1) (ammonium salt)

Cat. No.:	HY-157706
CAS No.:	799268-54-5
Molecular Formula:	C ₄₅ H ₉₄ N ₃ O ₁₉ P ₃
Molecular Weight:	1074.16
Target:	PI3K
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PI(3,4)P2 (18:1) ammonium salt is a phosphatidylinositol 3 kinase (PI3K) activator. PI(3,4)P2 (18:1) ammonium salt is a polyphosphorylated phosphatidylinositol that promotes the activation of AKT (protein kinase B) by activating PI3K, which affects cell metabolism, growth and survival. PI(3,4)P2 (18:1) ammonium salt is also involved in regulating dynamic changes in the cytoskeleton, affecting cell morphology and movement. PI(3,4)P2 (18:1) ammonium salt can be used in research on the development of cancer, diabetes and cardiovascular disease^[1].

REFERENCES

[1]. Bui H H, et al. Direct analysis of PI (3, 4, 5) P3 using liquid chromatography electrospray ionization tandem mass spectrometry[J]. Analytical biochemistry, 2018, 547: 66-76.

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

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