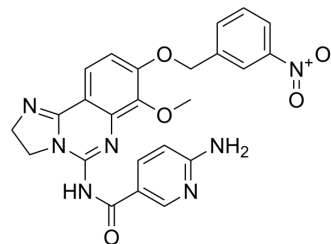


MIPS-21335

Cat. No.:	HY-156371
CAS No.:	2569296-51-9
Molecular Formula:	C ₂₄ H ₂₁ N ₇ O ₅
Molecular Weight:	487.47
Target:	PI3K
Pathway:	PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MIPS-21335 is an PI3KC2 α inhibitor (IC ₅₀ : 7 nM). MIPS-21335 also inhibits PI3KC2 β , p110 α , p110 β and p110 δ (IC ₅₀ : 0.043, 0.140, 0.386, 0.742 μ M). MIPS-21335 has antithrombotic effect ^[1] .
IC ₅₀ & Target	7 nM (PI3KC2 α) ^[1] .

REFERENCES

[1]. Selvadurai MV, et al. Disrupting the platelet internal membrane via PI3KC2 α inhibition impairs thrombosis independently of canonical platelet activation. Sci Transl Med. 2020 Jul 22;12(553):eaar8430.

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

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