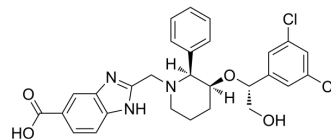


SMA4

Cat. No.:	HY-155106
Molecular Formula:	C ₂₈ H ₂₇ Cl ₂ N ₃ O ₄
Molecular Weight:	540.44
Target:	PKG
Pathway:	Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SMA4 is a selective PKG1 α activator with basal EC₅₀ value of 29 μ M. SMA4 facilitates phosphorylation of the known PKG1 substrate, vasodilator-stimulated phosphoprotein (VASP), and inhibits human pulmonary arterial smooth muscle cells (hPASMC) proliferation. SMA4 can be used for cardiovascular disease research^[1].

REFERENCES

[1]. Metwally E, et al. Structural insights into selective small molecule activation of PKG1 α . Commun Biol. 2023 Jul 31;6(1):798.

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

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