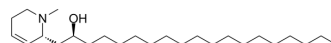


SK3 Channel-IN-1

Cat. No.:	HY-147556
CAS No.:	2396571-04-1
Molecular Formula:	C ₂₅ H ₄₉ NO
Molecular Weight:	379.66
Target:	Potassium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	SK3 Channel-IN-1 (compound 7a) is a potent and specific SK3 channel modulator. SK3 Channel-IN-1 has efficient effect on breast cancer MDA-MB-435 cell migration while exhibiting low cytotoxicity in other cell lines. SK3 Channel-IN-1 can modulate ion channels' activity in cancer ^[1] .
IC ₅₀ & Target	IC ₅₀ : 16 μM in CaCo-2 ^[1]

REFERENCES

[1]. Kouba S, et al. Lipidic synthetic alkaloids as SK3 channel modulators. Synthesis and biological evaluation of 2-substituted tetrahydropyridine derivatives with potential anti-metastatic activity. Eur J Med Chem. 2020;186:111854.

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

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