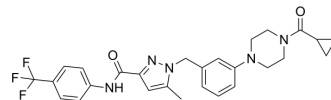


SCAL-266

Cat. No.:	HY-155555
CAS No.:	2798953-78-1
Molecular Formula:	C ₂₇ H ₂₈ F ₃ N ₅ O ₂
Molecular Weight:	511.54
Target:	Mitochondrial Metabolism; Oxidative Phosphorylation
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SCAL-266 is a potent mitochondrial complex I (CI) inhibitor with IC₅₀ of 0.83 μM. SCAL-266 blocks mitochondrial function, inhibits OCR, induces ROS production, and reduces MMP. SCAL-266 displays a considerable antiproliferation effect against oxidative phosphorylation (OXPHOS)-dependent cancer cells^[1].

REFERENCES

[1]. Yang Zhou, et al. Synthesis and biological evaluation of novel pyrazole amides as potent mitochondrial complex I inhibitors. *Eur J Med Chem.* 2023 Oct 5;258:115576.

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

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