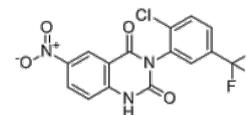


Product Name : VDAC inhibitor SC18
Cat. No. : PC-38524
CAS No. : 2971073-28-4
Molecular Formula : C₁₅H₇ClF₃N₃O₄
Molecular Weight : 385.683
Target : VDAC
Solubility : 10 mM in DMSO



Biological Activity

VDAC inhibitor SC18 is a specific small molecule targeting the NADH-binding pocket of voltage dependent anion channels (**VDAC**), decreases mitochondrial membrane potential $\Delta\Psi_m$ in HepG2 cells (EC₅₀=25 μ M), modulates mitochondrial metabolism in cancer cells, inhibit cell proliferation and induce cell death.

References

Heslop KA, et al. *Biomed Pharmacother.* 2022 Apr 18;150:112928.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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