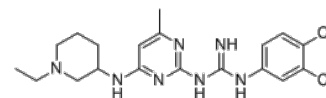


Product Name : SKOG102
Cat. No. : PC-21701
CAS No. : 21062-28-2
Molecular Formula : C₁₉H₂₅Cl₂N₇
Molecular Weight : 422.36
Target : Other Targets
Solubility : 10 mM in DMSO



CAS: 21062-28-2

Biological Activity

SKOG102 is a specific, brain penetrant small molecule inhibitor of protein transcription factor **OLIG2** with IC₅₀ of 1.04 uM, impacts OLIG2 DNA binding ability, inhibits human GBM4 and GBM8 cells with IC₅₀ of 1-2 uM.

SKOG102 affects expression of direct genetic targets of OLIG2.

SKOG102 (20 mg/kg) significantly attenuated tumor growth in in vivo studies to a GBM patient derived cancer stem cell (GBM4 line) based orthotopic model.

References

Igor F Tsigelny, et al. *Oncotarget*. 2017 Apr 4;8(14):22370-22384.

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

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