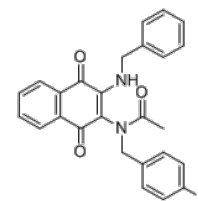


Product Name : RIPGBM
Cat. No. : PC-36132
CAS No. : 355406-76-7
Molecular Formula : C₂₆H₂₁FN₂O₃
Molecular Weight : 428.463
Target : RIP kinase
Solubility : 10 mM in DMSO



Biological Activity

RIPGBM is a cell type-selective, small molecule inducer of apoptosis in GBM cancer stem cells (CSCs) with EC₅₀ of 220 nM (GBM 1 cells).

RIPGBM is converted to an apoptosis-inducing derivative (cRIPGBM/RIPGBM-18) selectively in GBM CSCs.

cRIPGBM induces apoptosis in GBM CSCs by interacting with **RIPK2**.

RIPGBM significantly suppress tumor formation in vivo in orthotopic intracranial GBM CSC tumor xenograft mouse model.

References

Lucki NC, et al. *Proc Natl Acad Sci U S A*. 2019 Mar 7. pii: 201816626. doi: 10.1073/pnas.1816626116.

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

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