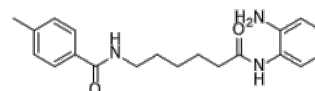


Product Name : RG2833
Cat. No. : PC-23970
CAS No. : 1215493-56-3
Molecular Formula : C₂₀H₂₅N₃O₂
Molecular Weight : 339.44
Target : HDAC
Solubility : 10 mM in DMSO



Biological Activity

RG2833 is a potent, orally bioavailable, brain-penetrant histone deacetylase HDAC1/3 inhibitor with IC₅₀ of 60/50 nM respectively.

RG2833 markedly increased sensitivity to cisplatin and SN-38 in SLFN11-negative medulloblastoma cells.

RG2833 improved cognitive behavior by modulating the expression of immediate early, neuroprotective and synaptic plasticity genes in Alzheimer's disease in female TgF344-AD rats.

References

Nakata S, et al. Neuro Oncol. 2023 May 4;25(5):899-912.

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

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