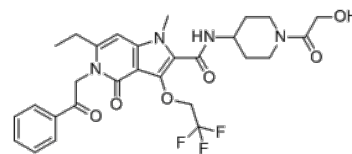


Product Name : TAK-441
Cat. No. : PC-60477
CAS No. : 1186231-83-3
Molecular Formula : C₂₈H₃₁F₃N₄O₆
Molecular Weight : 576.56
Target : Hedgehog (Hh)
Solubility : 10 mM in DMSO



Biological Activity

TAK-441 is a highly potent, orally active **hedgehog signaling (Hh)** inhibitor with IC₅₀ of 4.4 nM in Gli-luc reporter assays. TAK-441 suppresses transcription factor Gli1 mRNA expression in tumor-associated stromal tissue and inhibits tumor growth in mouse medulloblastoma allograft model.

References

Ohashi T, et al. *Bioorg Med Chem*. 2012 Sep 15;20(18):5507-17.

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

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