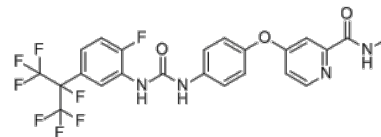


Product Name : APS6-45
Cat. No. : PC-38595
CAS No. : 2188236-41-9
Molecular Formula : C₂₃H₁₆F₈N₄O₃
Molecular Weight : 548.39
Target : Ras
Solubility : 10 mM in DMSO



Biological Activity

APS6-45 is a small molecule Tumor-Calibrated Inhibitor (TCI) by reducing activity towards BRAF and Lk6/MKNK, inhibits **RAS/MAPK** signaling.

APS6-45 strongly inhibits Ret-mediated transformation with minimal whole animal toxicity.

APS6-45 strongly inhibited RAS pathway signaling in human MTC cell lines TT and MZ-CRC-1.

APS6-45 inhibited growth of established TT tumors in the subcutaneous tissue of xenografted nude mice far more potently than sorafenib or cabozantinib.

References

Sonoshita M, et, al. *Nat Chem Biol*. 2018 Mar;14(3):291-298.

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

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