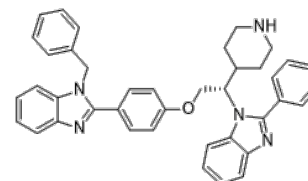


Product Name : Deltarasin
Cat. No. : PC-22366
CAS No. : 1440898-61-2
Molecular Formula : C₄₀H₃₇N₅O
Molecular Weight : 603.77
Target : Ras
Solubility : 10 mM in DMSO



CAS: 1440898-61-2

Biological Activity

Deltarasin is potent, specific inhibitor of KRAS-PDE δ (PDE6D) interaction, bind to the prenyl-binding pocket of PDE δ with KD of 38 nM, inhibits oncogenic RAS signalling.

Deltarasin interferes with the binding of KRAS to PDE δ in cells and resulting delocalization of KRAS.

Deltarasin potently suppresses proliferation and MAPK-signalling in oncogenic KRAS-dependent PDAC cells.

Deltarasin (10 mg/kg QD, 15 mg/kg QD and 10 mg/kg BID) impairs dose-dependent in vivo growth of xenografted pancreatic carcinoma in nude mice.

References

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

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