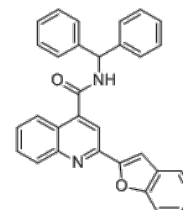


Product Name : SIRT6 activator 12q
Cat. No. : PC-38584
CAS No. : 2601734-99-8
Molecular Formula : C₃₁H₂₂N₂O₂
Molecular Weight : 454.529
Target : Sirtuin
Solubility : 10 mM in DMSO



Biological Activity

SIRT6 activator 12q (Compound 12q) is a potent, selective SIRT6 activator with EC_{1.5} value of 0.58 μM and EC₅₀ value of 5.35 μM against SIRT6-dependent peptide deacetylation in FLUOR DE LYS assay.

SIRT6 activator 12q exhibited weak or no activity against other HDAC family members as well as 415 kinases.

SIRT6 activator 12q significantly inhibited the proliferation and migration of pancreatic ductal adenocarcinoma (PDAC) cells in vitro.

SIRT6 activator 12q markedly suppressed the tumor growth in a PDAC tumor xenograft model.

References

Xiuli Chen, et al. J Med Chem. 2020 Sep 24;63(18):10474-10495.

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

E-mail: tech@probechem.com