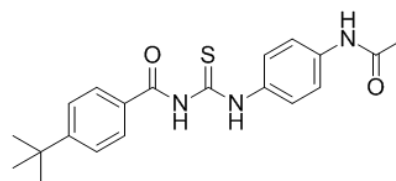


Product Name : Tenovin-1
Cat. No. : PC-43528
CAS No. : 380315-80-0
Molecular Formula : C₂₀H₂₃N₃O₂S
Molecular Weight : 369.4805
Target : Sirtuin
Solubility : 10 mM in DMSO



Biological Activity

Tenovin-1 (Tenovin1) is a small molecules that activate **p53** and decreases tumor growth through inhibition of the protein-deacetylating activities of **Sirt1** and **Sirt2**.

Tenovin-1 causes significantly greater growth inhibition, cell death via apoptosis, as well as superior p53 promoter upregulation in wtp53 MyLa cells when combined with vorinostat.

Tenovin-1 elicits caspase-mediated cell death in p53 wild-type cells, but caspase-independent cell death in p53 null cells.

References

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

E-mail: tech@probechem.com