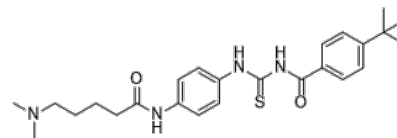


Product Name : Tenovin-6
Cat. No. : PC-25500
CAS No. : 1011557-82-6
Molecular Formula : C₂₅H₃₄N₄O₂S
Molecular Weight : 454.63
Target : Sirtuin
Solubility : 10 mM in DMSO



Biological Activity

Tenovin-6 is a small-molecule p53 activator, inhibits purified human SirT1 deacetylase activity in vitro with IC₅₀ of 21 μM and human SirT2 activity with IC₅₀ of 10 μM.

Tenovin-6 weakly inhibits SirT3 activity with IC₅₀ of 67 μM and does not inhibit HDAC8.

Tenovin-6 is active on mammalian cells at one-digit micromolar concentrations and decreases tumor growth in vivo as single agents.

References

Lain S, et al. Cancer Cell. 2008 May;13(5):454-63.

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

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