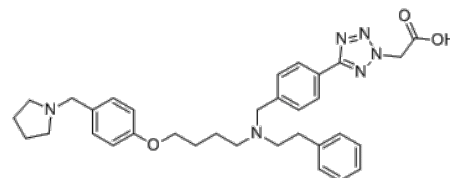


Product Name : TH1834
Cat. No. : PC-60498
CAS No. : 2108830-08-4
Molecular Formula : C₃₃H₄₀N₆O₃
Molecular Weight : 568.722
Target : Histone Acetyltransferase (HAT)
Solubility : 10 mM in DMSO



Biological Activity

TH1834 (TH-1834, TH 1834) is a novel potent specific **histone acetyltransferase Tip60** inhibitor; induces apoptosis in breast cancer cell lines with more cytotoxicity than staurosporine.

TH1834 increases the γ H2AX foci in the cancer cell lines PC-3 and DU-145 combined with IR.

TH1834 induces apoptosis and increases unrepaired DNA damage in breast cancer cells.

References

Gao C, et al. *Sci Rep.* 2014 Jun 20;4:5372.

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

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