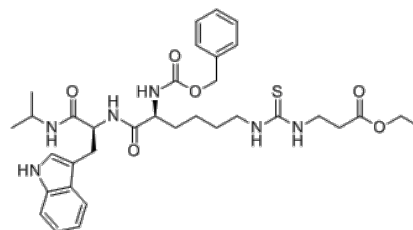


Product Name : NRD167
Cat. No. : PC-72768
CAS No. : 2166487-23-4
Molecular Formula : C₃₄H₄₆N₆O₆S
Molecular Weight : 666.838
Target : Sirtuin
Solubility : 10 mM in DMSO



Biological Activity

NRD167 is a potent and selective, cell-permeant **SIRT5** inhibitor.

NRD167 selectively inhibits cell proliferation and induces apoptosis in SIRT5-dependent cells (OCI-AML2 and SKM-1, IC₅₀=5-8 μM), with minimal effects on SIRT5-independent cells (KG1a and Marimo).

NRD167 recapitulates SIRT5 KD effects on AML cells.

References

Yan D, et al. *Blood Cancer Discov.* 2021 May;2(3):266-287.

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

E-mail: tech@probechem.com