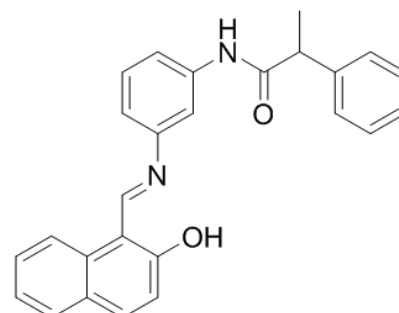


Product Name : Salermide
Cat. No. : PC-42309
CAS No. : 1105698-15-4
Molecular Formula : C₂₆H₂₂N₂O₂
Molecular Weight : 394.46508
Target : Sirtuin
Solubility : 10 mM in DMSO



Biological Activity

Salermide is a potent **Sirtuin** inhibitor with IC₅₀ of 76 and 45 μM for SIRT1 and SIRT2, respectively. Salermide prompts tumour-specific cell death in a wide range of human cancer cell lines (MCF cells at 50 μM). Salermide causes cell cycle arrest at G(1), results in the in vivo acetylation of the SIRT1/2 target p53, but not EX527.

References

- Lara E, et al. *Oncogene*. 2009 Feb 12;28(6):781-91.
Peck B, et al. *Mol Cancer Ther*. 2010 Apr;9(4):844-55.
Rotili D, et al. *J Med Chem*. 2012 Dec 27;55(24):10937-47.

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

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