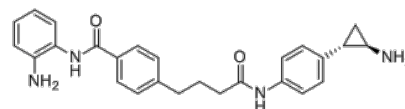


Product Name : Corin
Cat. No. : PC-62518
CAS No. : 1808113-09-8
Molecular Formula : C₂₆H₂₈N₄O₂
Molecular Weight : 428.536
Target : HDAC
Solubility : 10 mM in DMSO



Biological Activity

Corin is a dual action **LSD1/HDAC** inhibitor (IC₅₀=0.33/0.20 uM) that potently targets the **CoREST complex** and shows more sustained inhibition of CoREST complex HDAC activity compared with entinostat. Corin exhibits a superior anti-proliferative profile against several melanoma lines and cutaneous squamous cell carcinoma lines compared to its parent monofunctional inhibitors but is less toxic to melanocytes and keratinocytes. Corin demonstrates effectivity in slowing tumor growth in a melanoma mouse xenograft model.

References

Kalin JH, et al. *Nat Commun.* 2018 Jan 4;9(1):53.

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

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