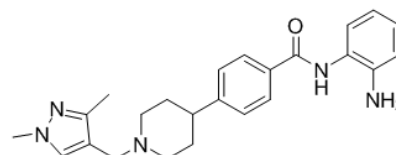


Product Name : CXD101
Cat. No. : PC-42249
CAS No. : 934828-12-3
Molecular Formula : C₂₄H₂₉N₅O
Molecular Weight : 403.52
Target : HDAC
Solubility : DMSO: ≥ 31 mg/mL



Biological Activity

Zabadinostat (CXD101) is a potent, selective and orally active **class I HDAC** inhibitor with IC₅₀s of 63 nM, 570 nM and 550 nM for HDAC1, HDAC2 and HDAC3, respectively, has no activity against class II HDACs.

Zabadinostat (CXD101) shows IC₅₀ of 0.2-15 uM against colon, lung, non-Hodgkin lymphoma, and myeloma cell lines.

Zabadinostat (CXD101) treatment increased expression of MHC class I and II genes in a variety of cells, including dendritic cells (DCs) and healthy tissue.

References

- PCT Int. Appl. (2007), WO 2007045844 A1 20070426.
- Geng Liu, et al. **Commun Biol.** 2023 Jan 26;6(1):102.
- Eyre TA, et al. **Cancer.** 2019 Jan 1;125(1):99-108.

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

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