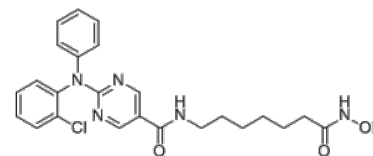


Product Name : Citarinostat
Cat. No. : PC-20984
CAS No. : 1316215-12-9
Molecular Formula : C₂₄H₂₆ClN₅O₃
Molecular Weight : 467.95
Target : HDAC
Solubility : 10 mM in DMSO



CAS: 1316215-12-9

Biological Activity

Carinostat (ACY-241) is a second generation potent, orally active and high-selective **HDAC6** inhibitor with IC₅₀ of 2.6 nM. Carinostat (ACY-241) inhibits HDAC1, HDAC2, HDAC3 and HDAC8 with IC₅₀ of 35 nM, 45 nM, 46 nM and 137 nM, respectively.

Carinostat (ACY-241) enhances the activity of paclitaxel in solid tumor models.

Combination ACY-241 and anti-PD-L1 antibody enhances anti-tumor immunity and cytotoxicity in multiple myeloma.

References

Huang P, et al. *Oncotarget*. 2017 Jan 10;8(2):2694-2707.

Awad MM, et al. *Front Oncol*. 2021 Sep 6;11:696512.

Ray A, et al. *Leukemia*. 2018 Mar;32(3):843-846.

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

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