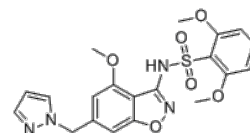

Product Name	: PF-9363
Cat. No.	: PC-72392
CAS No.	: 2569009-58-9
Molecular Formula	: C ₂₀ H ₂₀ N ₄ O ₆ S
Molecular Weight	: 444.462
Target	: Histone Acetyltransferase (HAT)
Solubility	: 10 mM in DMSO



Biological Activity

PF-9363 (CTx-648) is a first-in-class, potent and selective **KAT6A/6B** inhibitor with K_i of 0.41 nM and 1.2 nM for KAT6A and KAT6B, respectively.

PF-9363 (CTx-648) possess high selectivity versus other MYST family members (KAT7, KAT5, KAT8).

PF-9363 (CTx-648) inhibits expression of ESR1 expression leading to potent anti-tumor activity in ER+ breast cancer models.

PF-9363 (CTx-648) displays potent anti-tumor activity in ER+ breast cancer models.

References

- Shikhar Sharma, et al. *Cancer Res* (2021) 81 (13_Supplement): 1130.
- Shikhar Sharma, et al. *Cell Chem Biol.* 2023 Aug 8;S2451-9456(23)00234-9.

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

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