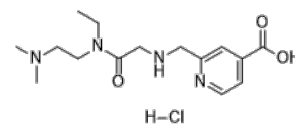


Product Name : KDM5-C49 hydrochloride
Cat. No. : PC-26560
CAS No. : 3026728-26-4
Molecular Formula : C₁₅H₂₅ClN₄O₃
Molecular Weight : 344.84
Target : Histone Demethylase
Solubility : 10 mM in DMSO



Biological Activity

KDM5-C49 hydrochloride is a potent, selective KDM5 inhibitor with IC₅₀ of 25, 30 and 59 nM for KDM5A, B and C, respectively.

KDM5-C49 displays 25-100-fold selectivity over KDM6B, 2-30-fold selectivity over KDM4 family, but with less cell-permeability.

References

Johansson C, et. Nat Chem Biol. 2016 Jul;12(7):539-45.

Horton JR, et al. Cell Chem Biol. 2016 Jul 21;23(7):769-81.

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

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