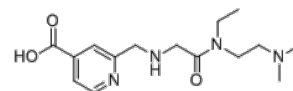


Product Name : KDM5-C49
Cat. No. : PC-62294
CAS No. : 1596348-16-1
Molecular Formula : C₁₅H₂₄N₄O₃
Molecular Weight : 308.382
Target : Histone Demethylase
Solubility : 10 mM in DMSO



Biological Activity

KDM5-C49 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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