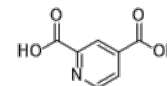


**Product Name** : 2,4-PDCA  
**Cat. No.** : PC-22357  
**CAS No.** : 499-80-9  
**Molecular Formula** : C<sub>7</sub>H<sub>5</sub>NO<sub>4</sub>  
**Molecular Weight** : 167.12  
**Target** : Histone Demethylase  
**Solubility** : 10 mM in DMSO



## Biological Activity

2,4-PDCA (2,4 pyridine dicarboxylic acid) is a broad-spectrum inhibitor of 2OG oxygenases, including JmjC domain-containing family of histone demethylases (JHDMs), shows acceptable KDM5B inhibition in vitro, with an IC<sub>50</sub> value of 3 μM.

## References

Rose NR, et al. J Med Chem. 2008 Nov 27;51(22):7053-6.

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

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