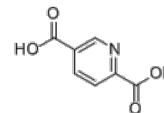


**Product Name** : 2,5-pyridinedicarboxylic acid  
**Cat. No.** : PC-20213  
**CAS No.** : 100-26-5  
**Molecular Formula** : C<sub>7</sub>H<sub>5</sub>NO<sub>4</sub>  
**Molecular Weight** : 167.12  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



### Biological Activity

2,5-pyridinedicarboxylic acid is a highly selective **D-dopachrome tautomerase** (D-DT, MIF2) inhibitor with K<sub>i</sub> of 17.2 μM, 79-fold selectivity over MIF, effectively blocks the D-DT-induced activation of CD74.

### References

Parkins A, et al. **Structure**. 2023 Mar 2;31(3):355-367.e4.

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

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