
Product Name : L-Tetrahydro-2-furoic acid
Cat. No. : PC-27847
CAS No. : 87392-07-2
Molecular Formula : C₅H₈O₃
Molecular Weight : 116.12
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

L-tetrahydro-2-furoic acid (THFA) is a competitive inhibitor, reversible inhibitor of proline dehydrogenase (**PRODH**) with Ki of 0.2 mM for Escherichia coli proline utilization A (PutA) PRODH.

References

- Zhu W, et al. *Arch Biochem Biophys*. 2002 Dec 1;408(1):131-6.
Zhang M, et al. *Biochemistry*. 2004 Oct 5;43(39):12539-48.
Ostrander EL, et al. *Biochemistry*. 2009 Feb 10;48(5):951-9.

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

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