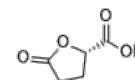


Product Name : S-5-oxo
Cat. No. : PC-27846
CAS No. : 21461-84-7
Molecular Formula : C₅H₆O₄
Molecular Weight : 130.10
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

S-5-oxo (S-5-oxo-2-tetrahydrofurancarboxylic acid) is a competitive inhibitor, reversible inhibitor of **proline dehydrogenase (PRODH)**, inhibits proline oxidation in mitochondria, induces selective mitochondrial decay of PRODH.

References

Scott GK, et al. *Mol Cancer Ther.* 2019 Aug;18(8):1374-1385.

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

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