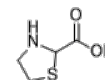


Product Name : Thiazolidine-2-carboxylate
Cat. No. : PC-27845
CAS No. : 16310-13-7
Molecular Formula : C₄H₇NO₂S
Molecular Weight : 133.17
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Thiazolidine-2-carboxylate (T2C) is a covalent, irreversible inhibitor of proline dehydrogenase (PRODH), covalently binds to the N5 of the FAD in the PRODH domain. also inhibits pyrroline-5-carboxylate reductase 1 (PYCR1).

References

- Campbell AC, et al. ACS Chem Biol. 2020 Apr 17;15(4):936-944.
Scott GK, et al. Amino Acids. 2021 Dec;53(12):1927-1939.
Christensen EM, et al. J Biol Chem. 2020 Dec 25;295(52):18316-18327.

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

E-mail: tech@probechem.com