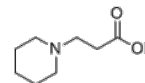


Product Name : 1-Piperidine Propionic Acid
Cat. No. : PC-21762
CAS No. : 26371-07-3
Molecular Formula : C₈H₁₅NO₂
Molecular Weight : 157.21
Target : Protease-activated Receptor (PAR)
Solubility : 10 mM in DMSO



Biological Activity

1-Piperidine Propionic Acid (1-PPA) is an allosteric Inhibitor of protease activated receptor-2 (PAR2) with IC₅₀ of 2.3 μ M. 1-PPA binds PAR2 in an allosteric pocket of the receptor inactive conformation. 1-PPA reduces platelet aggregation, inhibits the PAR2-C/EBP- β -SerpinB3 axis and protects from NASH development and progression.

References

Villano Gianmarco, et al. Mol Metab. 2024 Feb 1:81:101889.
Chinellato M, et al. Pharmaceuticals (Basel). 2023 Oct 18;16(10):1486.

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

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