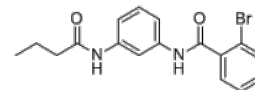


Product Name : Parmodulin 2
Cat. No. : PC-62640
CAS No. : 423735-93-7
Molecular Formula : C₁₇H₁₇BrN₂O₂
Molecular Weight : 361.239
Target : Protease-activated Receptor (PAR)
Solubility : 10 mM in DMSO



Biological Activity

Parmodulin 2 (ML161) is a potent, specific antagonist of **PAR-1**, specifically inhibits thrombin-tethered ligand (TL) peptide-mediated platelet aggregation with IC₅₀ of 7 μ M.

Parmodulin 2 promotes biased PAR1 signaling by preferentially blocking G α _q- over G α _{12/13}-mediated PAR1 signaling, restricts mTORC1 and Nlrp3 inflammasome activation and limited myocardial ischemia-reperfusion injury.

References

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van den Eshof BL, et al. *Arterioscler Thromb Vasc Biol*. 2017 Oct;37(10):1891-1902.

Aisiku O, et al. *Blood*. 2015 Mar 19;125(12):1976-85.

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

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