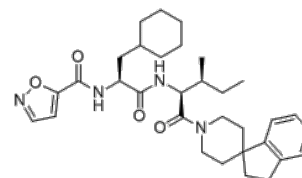


Product Name : GB83
Cat. No. : PC-61618
CAS No. : 1252806-86-2
Molecular Formula : C₃₂H₄₄N₄O₄
Molecular Weight : 548.72
Target : Protease-activated Receptor (PAR)
Solubility : 10 mM in DMSO



Biological Activity

GB83 is a selective, reversible **PAR2** (Protease-activated receptor 2) antagonist with IC₅₀ of 2 μ M. GB83 prevents upregulation of PARs, ICAM-1, LOX-1, IL-8, and activation of MAP kinases in human atrial tissue. GB83 reverses neutrophil elastase-induced synovitis and pain in mice.

References

- Barry GD, et al. *J Med Chem.* 2010 Oct 28;53(20):7428-40.
Bukowska A, et al. *Eur J Pharmacol.* 2013 Oct 15;718(1-3):114-23.
Muley MM, et al. *Br J Pharmacol.* 2016 Feb;173(4):766-77.

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

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