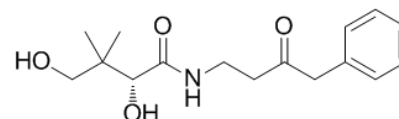


Product Name : RR6
Cat. No. : PC-45557
CAS No. : 1351758-37-6
Molecular Formula : C₁₆H₂₃NO₄
Molecular Weight : 293.3581
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

RR6 is a selective, reversible, and competitive **Vanin** inhibitor with IC₅₀ of 0.54 μ M for hVn1 pantetheinase (**vanin-1**). RR6 completely inhibits plasma vanin activity and caused alterations of plasma lipid concentrations in rats. RR6 inhibits PDGF-induced SMC proliferation and protects SMCs from TNF- α -induced apoptosis in vitro, attenuates transplant vasculopathy in rat aortic allografts; orally bioactive.

References

- Jansen PA, et al. *ACS Chem Biol*. 2013 Mar 15;8(3):530-4.
van Diepen JA, et al. *Sci Rep*. 2016 Mar 2;6:21906.
Wedel J, et al. *Transplantation*. 2016 Aug;100(8):1656-66.

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

E-mail: tech@probechem.com