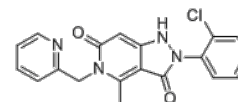


Product Name : GKT136901
Cat. No. : PC-22018
CAS No. : 955272-06-7
Molecular Formula : C₁₉H₁₅ClN₄O₂
Molecular Weight : 366.81
Target : NADPH Oxidase (NOX)
Solubility : 10 mM in DMSO



Biological Activity

GKT136901 is a potent, selective and orally active inhibitor of NADPH oxidase NOX1/4 with K_i values of 160 and 165 nM, respectively.

GKT136901 attenuates ROS generation and atherosclerosis and decreased CD44 and HA expression in atherosclerotic lesions.

GKT136901 also is selective and direct scavenger of peroxynitrite.

References

Vendrov AE, et al. J Biol Chem. 2010 Aug 20;285(34):26545-57.

Schildknecht S, et al. Curr Med Chem. 2014;21(3):365-76.

Sedeek M, et al. Clin Sci (Lond). 2013 Feb;124(3):191-202.

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

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