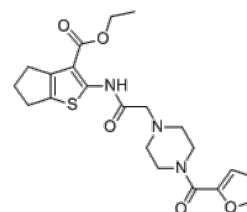


Product Name : GLX351322
Cat. No. : PC-35364
CAS No. : 835598-94-2
Molecular Formula : C₂₁H₂₅N₃O₅S
Molecular Weight : 431.507
Target : NADPH Oxidase (NOX)
Solubility : 10 mM in DMSO



Biological Activity

GLX351322 (GLX-351322) is a novel potent inhibitor of NADPH oxidase 4 (**Nox4**), inhibits hydrogen peroxide production from tetracycline inducible NOX4-overexpressing cells with IC₅₀ of 5 μ M.

GLX351322 displays an order of magnitude less activity against NOX2; counteracts non-fasting hyperglycemia and impairs glucose tolerance in HFD-treated male C57BL/6 mice, prevents high-glucose-induced human islet cell reactive oxygen species (ROS) production and death.

References

Anvari E, et al. Free Radic Res. 2015;49(11):1308-18.

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

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