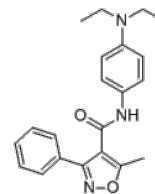


Product Name : GATA4-IN-3
Cat. No. : PC-61050
CAS No. : 544681-96-1
Molecular Formula : C₂₁H₂₃N₃O₂
Molecular Weight : 349.434
Target : GATA Binding Protein
Solubility : 10 mM in DMSO



Biological Activity

GATA4-IN-3 is a novel small molecule that inhibits **GATA4/NKX2-5** transcriptional synergy with IC₅₀ of 3 μ M, with no activity on the protein kinases involved in the regulation of GATA4 phosphorylation.

GATA4-IN-3 also inhibits the ET-1-stimulated BNP gene expression.

GATA4-IN-3 inhibits hypertrophic growth in a cardiomyocyte hypertrophy model, without effect on apoptotic cell death.

References

Välimäki MJ, et al. *J Med Chem*. 2017 Sep 28;60(18):7781-7798.

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

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