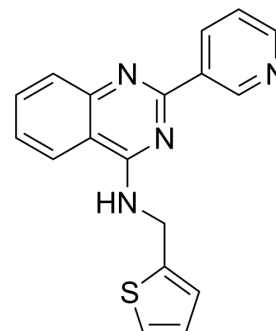


PDE5-IN-9

Cat. No.:	HY-153766
CAS No.:	157862-84-5
Molecular Formula:	C ₁₈ H ₁₄ N ₄ S
Molecular Weight:	318.4
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	PDE5-IN-9 (Compound 59) is a PDE5 inhibitor (IC ₅₀ : 11.2 μM). PDE5-IN-9 shows interaction with Gln 817, Tyr 612, and Ala 767 amino acid residues. PDE5-IN-9 can be used for research of cardiovascular disease ^[1] .
IC ₅₀ & Target	PDE5

REFERENCES

[1]. Sarvesh Paliwal, et al. Pharmacophore and molecular docking based identification of novel structurally diverse PDE-5 inhibitors. Medicinal Chemistry Research. 2015, 24, 576-587.

Caution: Product has not been fully validated for medical applications. For research use only.

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