

Product Name	: PDE5-IN-9
Synonyms	: —
Cat No.	: M36099
CAS Number	: 157862-84-5
Molecular Formula	: C ₁₈ H ₁₄ N ₄ S
Formula Weight	: 318.4
Chemical Name	: —
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.
Pathway	: Angiogenesis
Target	: PDE
Receptor	: PDE
Solubility	: —
SMILES	: <chem>N(CC1=CC=CS1)C=2C3=C(N=C(N2)C=4C=CC=NC4)C=CC=C3</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

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.