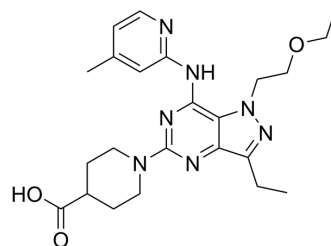


PDE5-IN-42

Cat. No.:	HY-128060
CAS No.:	936449-28-4
Molecular Formula:	C ₂₃ H ₃₁ N ₇ O ₃
Molecular Weight:	453.54
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PDE5-IN-42 (Compound 42) is a potent and orally active PDE5 inhibitor with an IC ₅₀ of 0.04 nM. PDE5-IN-42 maintains selectivity over PDE6 and PDE11 ^[1] .
IC ₅₀ & Target	IC50: 0.04 nM (PDE5) ^[1]

REFERENCES

[1]. Tollefson MB, et al. 1-(2-Ethoxyethyl)-1H-pyrazolo[4,3-d]pyrimidines as potent phosphodiesterase 5 (PDE5) inhibitors. *Bioorg Med Chem Lett.* 2010 May 15;20(10):3120-4.

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

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