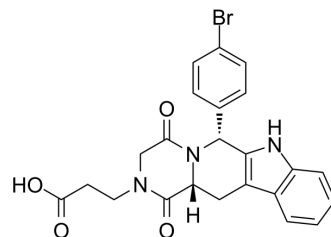


PDE5-IN-5

Cat. No.:	HY-147990
CAS No.:	2414921-33-6
Molecular Formula:	C ₂₃ H ₂₀ BrN ₃ O ₄
Molecular Weight:	482.33
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-5 (Compound 11) is a potent, selective phosphodiesterase 5 (PDE5) inhibitor with an IC ₅₀ of 2.0 nM ^[1] .
IC₅₀ & Target	PDE5 2.0 nM (IC ₅₀)

REFERENCES

[1]. ElHady AK, et al. Extending the use of tadalafil scaffold: Development of novel selective phosphodiesterase 5 inhibitors and histone deacetylase inhibitors. Bioorg Chem. 2020 May;98:103742.

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

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