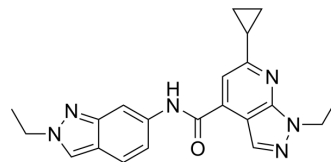


MAT2A-IN-11

Cat. No.:	HY-155148
Molecular Formula:	C ₂₁ H ₂₂ N ₆ O
Molecular Weight:	374.44
Target:	Methionine Adenosyltransferase (MAT)
Pathway:	Epigenetics; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MAT2A Allosteric inhibitor 1 (compound 5) is a MAT2A selective inhibitor of methionine adenosyltransferase (MAT) with an IC ₅₀ of 6.8 nM ^[1] .
IC₅₀ & Target	IC50: 6.8 nM (MAT2A) ^[1]

REFERENCES

[1]. Kalliokoski T, et al. Discovery of novel methionine adenosyltransferase 2A (MAT2A) allosteric inhibitors by structure-based virtual screening. *Bioorg Med Chem Lett*. 2023 Oct 1;94:129450..

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

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