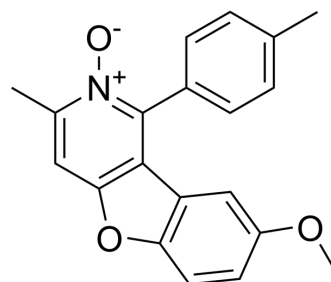


MAT2A-IN-12

Cat. No.:	HY-155149
CAS No.:	631897-75-1
Molecular Formula:	C ₂₀ H ₁₇ NO ₃
Molecular Weight:	319.35
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 2 is a potent and selective MAT2A allosteric inhibitor with an IC₅₀ of 5 nM. MAT2A Allosteric inhibitor 2 shows nanomolar activity (IC₅₀=5 μM) in the the proliferation assay (MTAP^{-/-} cell line)^[1].

REFERENCES

[1]. Tuomo Kalliokoski, 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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