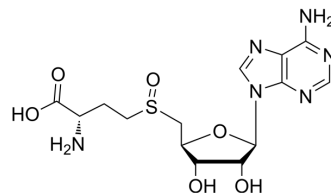


S-Adenosylhomocysteine sulfoxide

Cat. No.:	HY-157719
CAS No.:	29907-86-6
Molecular Formula:	C ₁₄ H ₂₀ N ₆ O ₆ S
Molecular Weight:	400.41
Target:	COMT
Pathway:	Metabolic Enzyme/Protease; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	S-Adenosylhomocysteine sulfoxide is an inhibitor of catechol-O-methyltransferase (COMT) with an IC ₅₀ value of 860 μM. S-Adenosylhomocysteine sulfoxide can be used in the research of methylation reaction modulators ^[1] .
IC ₅₀ & Target	IC ₅₀ : 860 μM (COMT) ^[1] .

REFERENCES

[1]. Coward J K, et al. Inhibition of catechol-O-methyltransferase by S-adenosylhomocysteine and S-adenosylhomocysteine sulfoxide, a potential transition-state analog[J]. Biochemical pharmacology, 1972, 21(8): 1200-1203.

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

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