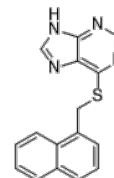


Product Name : AG-670
Cat. No. : PC-26483
CAS No. : 313984-77-9
Molecular Formula : C₁₆H₁₂N₄S
Molecular Weight : 292.36
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

AG-670 (PU02) is a small molecule inhibitor of nicotinamide N-methyltransferase (NNMT) with EC₅₀ of 2.7 μM, also is a negative allosteric modulator (NAM) of 5-HT₃ receptor with IC₅₀ of 0.36 and 0.73 μM in HEK293 cells transfected with human 5-HT_{3A} and 5-HT_{3AB} receptors respectively.

AG-670 inhibits SCC-4 cell viability with IC₅₀ of 41.8 μM.

AG-670 (10 μM) inhibits cellular oxygen consumption or in situ mitochondrial oxygen consumption in MCF 7 cells.

References

Maloney B, et al. Pharmaceuticals (Basel). 2026 Mar 22;19(3):516.

Sarah M Trattng, et al. J Biol Chem. 2012 Jul 20;287(30):25241-54.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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