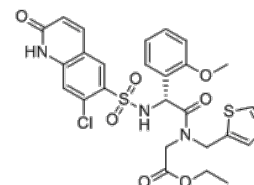


Product Name : OSMI-4
Cat. No. : PC-35723
CAS No. : 2260791-14-6
Molecular Formula : C₂₇H₂₆ClN₃O₇S₂
Molecular Weight : 604.089
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

OSMI-4 (OGT inhibitor 4b) is a novel potent, selective, cell-active **O-linked N-acetylglucosamine transferase (OGT)** inhibitor with EC₅₀ of ~3 μ M.

OSMI-4 reduces O-GlcNAc levels almost completely by 5 μ M (O-GlcNAc (RL-2) blot of HEK293T cell lysates after treatment).

OSMI-4 is the best OGT inhibitor reported to date, and it is especially attractive for probing OGT's complex biology.

References

Martin SES, et al. *J Am Chem Soc.* 2018 Oct 24;140(42):13542-13545.

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

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