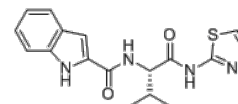


Product Name : Grp78 inhibitor 8
Cat. No. : PC-49601
CAS No. : 2707510-30-1
Molecular Formula : C₁₇H₁₈N₄O₂S
Molecular Weight : 342.42
Target : Heat Shock Protein (HSP)
Solubility : 10 mM in DMSO



Biological Activity

Grp78 inhibitor 8 is a potent, isoform-selective inhibitor of the ER Resident Chaperone **Grp78** (HSPA5) with IC₅₀ of 0.59 μ M. Grp78 inhibitor 8 is 7-fold selective for HspA5 over HspA9 (IC₅₀ of 4.3 μ M) and >20-fold selective for HspA5 compared to HspA2 (IC₅₀ of 13.9 μ M).

References

Ambrose AJ, et al. *J Med Chem.* 2022 Dec 14. doi: 10.1021/acs.jmedchem.2c01631.

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

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