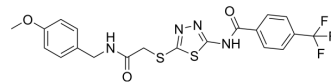


GLS1 Inhibitor-7

| | |
|--------------------|---|
| Cat. No.: | HY-155138 |
| Molecular Formula: | C ₂₀ H ₁₇ F ₃ N ₄ O ₃ S ₂ |
| Molecular Weight: | 482.5 |
| Target: | Glutaminase |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|---|
| Description | GLS1 Inhibitor-7 (compound 4d) is a GLS1 inhibitor (IC ₅₀ =46.7 μM), with potential anti-cancer, anti-aging and anti-obesity properties ^[1] . |
| IC ₅₀ & Target | IC ₅₀ : 46.7 μM (GLS1) ^[1] |

REFERENCES

[1]. Okada T, et al. Design and structural optimization of thiadiazole derivatives with potent GLS1 inhibitory activity. Bioorg Med Chem Lett. 2023 Sep 1;93:129438.

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

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