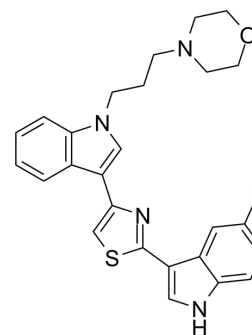


GLS-1-IN-1

Cat. No.:	HY-144666
Molecular Formula:	C ₂₆ H ₂₅ FN ₄ OS
Molecular Weight:	460.57
Target:	Glutaminase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (54.28 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.1712 mL	10.8561 mL	21.7122 mL
	5 mM	0.4342 mL	2.1712 mL	4.3424 mL
	10 mM	0.2171 mL	1.0856 mL	2.1712 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

GLS-1-IN-1 (compound 1d) is a GLS-1 inhibitor. GLS-1-IN-1 shows inhibitory effect against Hep G2, MCF 7, and MCF 10A cells [1].

REFERENCES

[1]. Carbone D, et al. Metabolomics-assisted discovery of a new anticancer GLS-1 inhibitor chemotype from a nortopsentin-inspired library: From phenotype screening to target identification. *Eur J Med Chem.* 2022;234:114233.

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

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