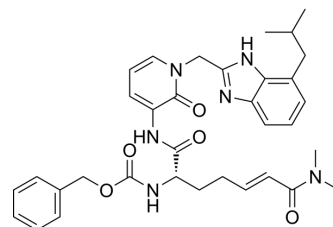


TG-2-IN-4

Cat. No.:	HY-160132
CAS No.:	2410899-01-1
Molecular Formula:	C ₃₄ H ₄₀ N ₆ O ₅
Molecular Weight:	612.72
Target:	Glutaminase
Pathway:	Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (204.01 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.6321 mL	8.1603 mL	16.3207 mL
	5 mM		0.3264 mL	1.6321 mL	3.2641 mL
	10 mM		0.1632 mL	0.8160 mL	1.6321 mL

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

BIOLOGICAL ACTIVITY

Description

TG-2-IN-4 (compound 8) is a transglutaminase 2 (TG2) inhibitor with an IC₅₀ <0.5 mM. TG-2-IN-4 can be used for the research of inflammatory disorder^[1].

IC₅₀ & Target

IC₅₀: <0.5 mM^[1]

REFERENCES

[1]. Campbell D, et, al. Transglutaminase 2 (tg2) inhibitors. WO2020033784A1.

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

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