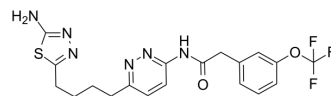


Glutaminase-IN-3

Cat. No.: HY-79583
CAS No.: 1439399-45-7
Molecular Formula: C₁₉H₁₉F₃N₆O₂S
Molecular Weight: 452.45
Target: Glutaminase
Pathway: Metabolic Enzyme/Protease
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (110.51 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2102 mL	11.0509 mL	22.1019 mL
	5 mM	0.4420 mL	2.2102 mL	4.4204 mL
	10 mM	0.2210 mL	1.1051 mL	2.2102 mL

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

BIOLOGICAL ACTIVITY

Description

Glutaminase-IN-3 (compound 657) is a potent glutaminase inhibitor with an IC₅₀ of 0.24 μM for Glutaminase 1 (GLS1). Glutaminase-IN-3 is extracted from patent WO2014089048A1, compound 657^[1].

REFERENCES

[1]. Mark K. Bennett, et al. Treatment of cancer with heterocyclic inhibitors of glutaminase. WO2014089048A1.

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

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