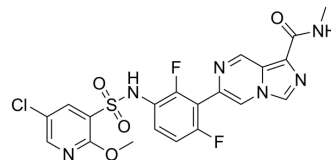


GCN2 modulator-1

Cat. No.:	HY-160196		
CAS No.:	2803470-63-3		
Molecular Formula:	C ₂₀ H ₁₅ ClF ₂ N ₆ O ₄ S		
Molecular Weight:	508.89		
Target:	Eukaryotic Initiation Factor (eIF)		
Pathway:	Cell Cycle/DNA Damage		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 31.25 mg/mL (61.41 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9651 mL	9.8253 mL	19.6506 mL
5 mM	0.3930 mL	1.9651 mL	3.9301 mL
10 mM	0.1965 mL	0.9825 mL	1.9651 mL

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

BIOLOGICAL ACTIVITY

Description

GCN2 modulator-1 (compound 3) has GCN2 inhibitory activity, with the IC₅₀ value less than 0.05 μM. GCN2 modulator-1 plays an important role in anti-tumor research^[1].

REFERENCES

[1]. HiberCell, Inc.. Preparation of N-Heteroarylphenyl sulfonamides as GCN2 modulators and uses thereof. World Intellectual Property Organization, WO2022159746 A1 2022-07-28

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

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