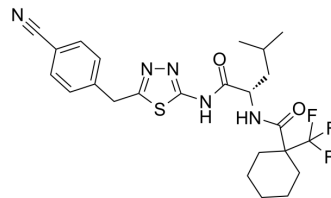


BAY-728

Cat. No.:	HY-153045A
Molecular Formula:	C ₂₄ H ₂₈ F ₃ N ₅ O ₂ S
Molecular Weight:	507.57
Target:	Deubiquitinase
Pathway:	Cell Cycle/DNA Damage
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 : 100 mg/mL (197.02 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.9702 mL	9.8509 mL	19.7017 mL
	5 mM	0.3940 mL	1.9702 mL	3.9403 mL
	10 mM	0.1970 mL	0.9851 mL	1.9702 mL

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

BIOLOGICAL ACTIVITY

Description

BAY-728 can be used as a negative control of BAY-805. BAY-805 is a potent and selective Inhibitor of USP21^[1].

REFERENCES

[1]. Göricke F, et al. Discovery and Characterization of BAY-805, a Potent and Selective Inhibitor of Ubiquitin-Specific Protease USP21. J Med Chem. 2023 Feb 20.

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

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