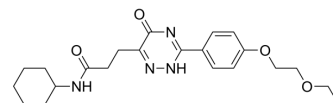


AV023

Cat. No.:	HY-145686		
CAS No.:	1107710-62-2		
Molecular Formula:	C ₂₂ H ₃₀ N ₄ O ₄		
Molecular Weight:	414.5		
Target:	Others		
Pathway:	Others		
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 : 25 mg/mL (60.31 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.4125 mL	12.0627 mL	24.1255 mL
	5 mM		0.4825 mL	2.4125 mL	4.8251 mL
	10 mM		0.2413 mL	1.2063 mL	2.4125 mL

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

BIOLOGICAL ACTIVITY

Description

AV023 is a potent inhibitor of ANKRD22. AV023 promotes the expansion of gastrointestinal mucosal epithelial stem cells and indirectly activates the Wnt classical pathway, which helps the recovery of damaged gastrointestinal mucosal tissues in the body (extracted from patent CN111205231B)^[1].

REFERENCES

[1]. Yongquan Zhu, et al. Lead compounds as ankrd22 inhibitors and their applications. Patent CN111205231B.

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

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