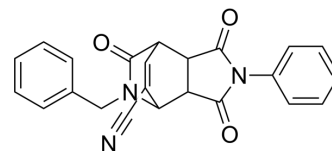


VJDT

Cat. No.:	HY-157122		
Molecular Formula:	C ₂₃ H ₁₇ N ₃ O ₃		
Molecular Weight:	383.4		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (326.03 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6082 mL	13.0412 mL	26.0824 mL
	5 mM	0.5216 mL	2.6082 mL	5.2165 mL
	10 mM	0.2608 mL	1.3041 mL	2.6082 mL

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

BIOLOGICAL ACTIVITY

Description

VJDT is a TREM1 small molecule inhibitor that effectively blocks TREM1 signaling. VJDT inhibits tumor growth and can be used in cancer research^[1].

REFERENCES

[1]. Ajith A, et al. Targeting TREM1 augments antitumor T cell immunity by inhibiting myeloid-derived suppressor cells and restraining anti-PD-1 resistance. J Clin Invest. 2023 Nov 1;133(21):e167951.

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

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