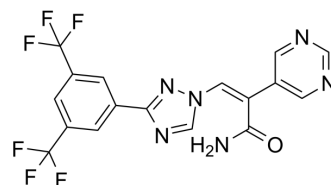


Eltanexor Z-isomer

Cat. No.:	HY-100423A		
CAS No.:	1642300-78-4		
Molecular Formula:	C ₁₇ H ₁₀ F ₆ N ₆ O		
Molecular Weight:	428.29		
Target:	CRM1		
Pathway:	Membrane Transporter/Ion Channel		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (116.74 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.3349 mL	11.6743 mL	23.3487 mL
		5 mM	0.4670 mL	2.3349 mL	4.6697 mL
10 mM		0.2335 mL	1.1674 mL	2.3349 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.75 mg/mL (6.42 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Eltanexor Z-isomer (KPT-8602 Z-isomer) is the less active isomer of KPT-8602. KPT-8602 is a potent CRM1 inhibitor. IC ₅₀ In Vitro: Eltanexor Z-isomer exhibits different inhibitory effects on Z138, MM15, 3T3 cell lines, with IC ₅₀ s of 100 nM-50 μM, < 100 nM, > 30 μM, respectively ^[1] . In Vivo:
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CUSTOMER VALIDATION

- Biomed Pharmacother. 2023 Feb 13;160:114402.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Vercruysse T et al. The second-generation exportin-1 inhibitor KPT-8602 demonstrates potent activity against acute lymphoblastic leukemia. Clin Cancer Res. 2016 Oct 25.
- [2]. Hing ZA et al. Next-generation XPO1 inhibitor shows improved efficacy and in vivo tolerability in hematological malignancies. Leukemia. 2016 Jun 21.
- [3]. Etchin J et al. KPT-8602, a second-generation inhibitor of XPO1-mediated nuclear export, is well tolerated and highly active against AML blasts and leukemia-initiating cells. Leukemia. 2016 Jun 24.
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Caution: Product has not been fully validated for medical applications. For research use only.

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