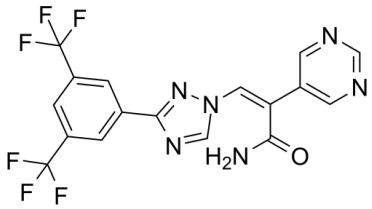
Data Sheet

Product Name:	Eltanexor Z-isomer
Cat. No.:	CS-5983
CAS No.:	1642300-78-4
Molecular Formula:	C17H10F6N6O
Molecular Weight:	428.29
Target:	CRM1
Pathway:	Membrane Transporter/Ion Channel
Solubility:	H2O : < 0.1 mg/mL (insoluble); DMSO : 50 mg/mL (116.74 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Eltanexor Z-isomer (KPT-8602 Z-isomer) is the less active isomer of KPT-8602. KPT-8602 is a potent **CRM1** inhibitor. IC50： 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:

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.

CAIndexNames:

5-Pyrimidineacetamide, α-[[3-[3,5-bis(trifluoromethyl)phenyl]-1H-1,2,4-triazol-1-yl]methylene]-, (αZ)-

SMILES:

O=C(N)/C(C1=CN=CN=C1)=C\N2N=C(C3=CC(C(F)(F)F)=CC(C(F)(F)F)=C3)N=C2

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

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