

Product Name : Eltanexor

Synonyms : KPT-8602; KPT8602

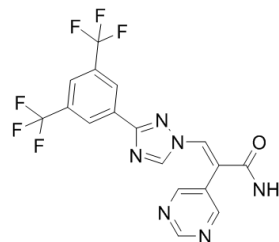
Cat No. : M12492

CAS Number : 1642300-52-4

Molecular Formula : C₁₇H₁₀F₆N₆O

Formula Weight : 428.29

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



Description : A second-generation SINE, orally bioavailable Exportin 1 (XPO1, CRM1) inhibitor with markedly reduced brain penetration compared to selinexor (30-fold less); inhibits viability of human AML cell lines in vitro with IC₅₀ of 20211nM, more active than the first-generation XPO1 inhibitor, selinexor; exhibits greater anti-leukemic efficacy against both leukemic blasts and LICs in AML patient-derived xenograft models, with no effect on normal hematopoietic stem and progenitor cell (HSPC) frequency. Blood Cancer Phase 2 Clinical

Pathway : Membrane Transporter/Ion Channel

Target : Exportin-1

Receptor : Exportin-1

Solubility : DMSO: 4.72 mg/mL

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

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Etchin J, et al. Leukemia. 2017 Jan;31(1):143-150. | 2. Hing ZA, et al. Leukemia. 2016 Dec;30(12):2364-2372. | 3. Vercruysse T, et al. Clin Cancer Res. 2017 May 15;23(10):2528-2541.