
Product Data Sheet

Product Name: Eltanexor Z-isomer

Cat. No.: GC19213

Chemical Properties

Cas. No. 1642300-78-4

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=C2Formula $C_{17}H_{10}F_6N_6O$

M.Wt 428.29

Solubility DMSO : 50 mg/mL (116.74 mM); Water : < 0.1 mg/mL (insoluble)

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

KPT-8602 Z-isomer is the less active isomer of KPT-8602. KPT-8602 is a potent CRM1 inhibitor. IC50: In Vitro: KPT 8602 Z-isomer exhibits different inhibitory effects on Z138, MM15, 3T3 cell lines, with IC50s of 100 nM-50 uM, 30 uM, respectively[1]. In Vivo:

References:

- [1]. Vercruyse 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.

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

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