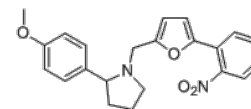


Product Name : iST2-1
Cat. No. : PC-35645
CAS No. : 1019158-02-1
Molecular Formula : C₂₂H₂₂N₂O₄
Molecular Weight : 378.428
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

iST2-1 is a first-in-class, in vivo active **ST2 (suppression of tumorigenicity 2)** inhibitor with IC₅₀ of 56.14 and 54.62 μM in AlphaLISA and the HEK-Blue IL-33 assay, respectively.

iST2-1 decrease IFN-γ-producing T cell populations in the in vitro mixed lymphocyte reaction assays.

iST2-1 reduces plasma sST2 levels, alleviate GVHD, and improve survival in vivo, ameliorates GVHD burden and maintains GVL effect in the murine MLL-AF9 leukemia model.

References

Ramadan AM, et al. *JCI Insight*. 2018 Jul 25;3(14). pii: 99208.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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