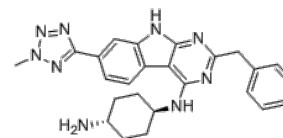


Product Name : UM-171
Cat. No. : PC-62316
CAS No. : 1448724-09-1
Molecular Formula : C₂₅H₂₇N₉
Molecular Weight : 487.94
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

UM-171 (UM171) is a potent agonist of human hematopoietic stem cell self-renewal, shows 10 to 20 times more potent than UM729 with effective concentrations of 17 to 19 nM.

UM-171 (UM171) enables a robust ex vivo expansion of human CB cells with functionally validated long-term in vivo repopulating capability.

References

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Li X, et al. *Stem Cell Res*. 2017 May;21:32-39.

Zonari E, et al. *Stem Cell Reports*. 2017 Apr 11;8(4):977-990.

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

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