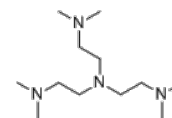


Product Name : Me6TREN
Cat. No. : PC-61310
CAS No. : 33527-91-2
Molecular Formula : C₁₂H₃₀N₄
Molecular Weight : 230.39
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Me6TREN is a small molecule Cu complexing ligand used for atom transfer radical polymerization (**ATRP**). Me6TREN can induce rapid mobilization of hematopoietic progenitor cells (HPSc) and exhibits more significant effects than G-CSF or AMD3100. Me6TREN efficiently mobilize EPCs into the blood circulation and promotes angiogenesis. Me6TREN reduces stromal cell-derived factor-1 α level in bone marrow by up-regulation of MMP-9 expression.

References

- Zhang J, et al. *Blood*. 2014 Jan 16;123(3):428-41.
Chen H, et al. *Sci Rep*. 2014 Aug 28;4:6222.
Matyjaszewski K, et al. *Proc Natl Acad Sci U S A*. 2006 Oct 17;103(42):15309-14.

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

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