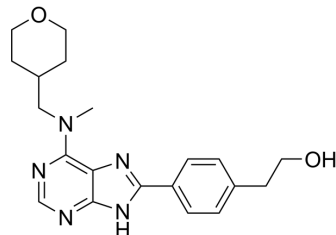


CSF1R-IN-17

Cat. No.:	HY-155550
Molecular Formula:	C ₂₀ H ₂₅ N ₅ O ₂
Molecular Weight:	367.44
Target:	c-Fms
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

CSF1R-IN-17 (compound 9) is a potent and selective CSF1R antagonist, with an IC₅₀ of 0.2 nM. CSF1R-IN-17 can inhibit osteoclast differentiation^[1].

REFERENCES

[1]. Aarhus TI, et, al. A highly selective purine-based inhibitor of CSF1R potently inhibits osteoclast differentiation. *Eur J Med Chem.* 2023 Jul 5;255:115344.

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

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