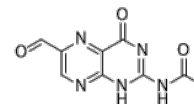


Product Name : Acetyl-6-formylpterin
Cat. No. : PC-26766
CAS No. : 29769-49-1
Molecular Formula : C₉H₇N₅O₃
Molecular Weight : 233.19
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Acetyl-6-formylpterin (Ac-6-FP, Acetyl-6-FP) is a small molecule ligand of MHC-related class I-like molecule MR1, markedly stabilizes MR1, potently up-regulates MR1 cell surface expression, and inhibits MAIT cell activation.

References

- Eckle SB, et al. *J Exp Med*. 2014 Jul 28;211(8):1585-600.
Sun Y, et al. *J Am Soc Nephrol*. 2025 Jun 1;36(6):1072-1087.
Cannata AM, et al. *Allergy*. 2026 May 7. doi: 10.1111/all.70384.

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

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