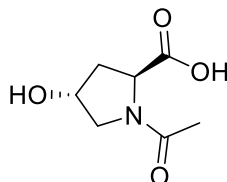


trans-1-Acetyl-4-hydroxy-L-proline

Code No.: **BIA-A2372**

Pack sizes: **5 mg, 25 mg**



Synonyms : (5R)-1-Acetyl-5-hydroxy-L-proline

Specifications

CAS #	: 2235464-65-8
Molecular Formula	: C₇H₁₁NO₄
Molecular Weight	: 173.17
Source	: Synthetic
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

trans-N-Acetyl-4-hydroxyproline (oxaceprol) is an atypical inhibitor of inflammation and useful for the treatment of diseases affecting the connective tissues such as osteoarthritis. trans-N-Acetyl-4-hydroxyproline reduces leukocyte adherence in vivo and leukocyte infiltration in mouse AiA, indicating an effect on synovial microcirculation.

References

1. Oxaceprol, an atypical inhibitor of inflammation and joint damage. Ionac M. et al. Pharmacol. Res. 1996, 33, 367.
2. Oxaceprol, an atypical inhibitor of inflammation, reduces leukocyte adherence in mouse antigen-induced arthritis. Veihelmann A. et al. Acta Orthop. Scand. 2001, 72, 293