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Zuschläge

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- Expressversand

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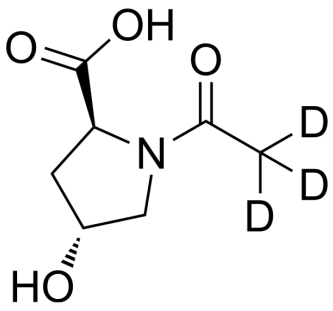
Oxaceprol-d_3

Cat. No.:	HY-17490S
Molecular Formula:	$C_7H_8D_3NO_4$
Molecular Weight:	176.19
Target:	Isotope-Labeled Compounds; Amino Acid Derivatives
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Oxaceprol-d_3 (N-Acetyl-L-hydroxyproline-d_3) is deuterium labeled Oxaceprol. Oxaceprol (N-Acetyl-L-hydroxyproline), an orally active derivative of L-proline, possesses distinct anti-inflammatory activity. Oxaceprol is usually used for the research of osteoarthritis and rheumatoid arthritis[1][2][3].

REFERENCES

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.

[2]. Ionac M et al. Oxaceprol, an atypical inhibitor of inflammation and joint damage. Pharmacol Res, 1996 Jun, 33(6):367-73.

[3]. Harpreet Singh Pawar, et al. Comparative evaluation of therapeutic efficacy of intra-articular oxaceprol with conventional modalities in osteoarthritis animal model. Clin Rheumatol. 2018 Aug;37(8):2195-2201.

[4]. M Ionac, et al. Oxaceprol, an atypical inhibitor of inflammation and joint damage. Pharmacol Res. 1996 Jun;33(6):367-73.

[5]. M J Parnham, et al. Antirheumatic agents and leukocyte recruitment. New light on the mechanism of action of oxaceprol. Biochem Pharmacol. 1999 Jul 15;58(2):209-15.

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