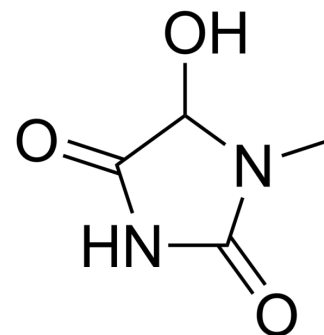


NZ 419

Cat. No.:	HY-111314
CAS No.:	84210-26-4
Molecular Formula:	C ₄ H ₆ N ₂ O ₃
Molecular Weight:	130.1
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NZ 419 (5-Hydroxy-1-methylhydantoin) is a metabolite of creatinine and an antioxidant with oral activity, which has the ability to scavenge hydroxyl radicals ($\cdot\text{OH}$). NZ 419 can inhibit the progression of chronic kidney disease (CKD) in rats^[1].

REFERENCES

[1]. Ienaga K, et al. Creatinine and HMH (5-hydroxy-1-methylhydantoin, NZ-419) as intrinsic hydroxyl radical scavengers. *Drug Discov Ther.* 2011;5(4):162-175.

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

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