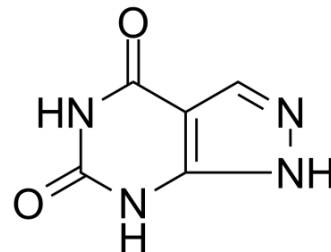


Oxypurinol

Cat. No.:	HY-19657
CAS No.:	2465-59-0
Molecular Formula:	C ₅ H ₄ N ₄ O ₂
Molecular Weight:	152.11
Target:	Endogenous Metabolite; Xanthine Oxidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Oxypurinol (Oxipurinol), the major active metabolite of Allopurinol, is an inhibitor of xanthine oxidase . Oxypurinol can be used to regulate blood urate levels and treat gout ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite
In Vitro	Allopurinol is rapidly metabolized (half-life approximately 1 h) to its active metabolite oxypurinol. Oxypurinol is an inhibitor of xanthine oxidoreductase and has a considerably longer elimination half-life (approximately 23 h) ^[1] .

REFERENCES

[1]. Stocker SL, et al. The pharmacokinetics of oxypurinol in people with gout. Br J Clin Pharmacol. 2012 Sep;74(3):477-89.

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

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