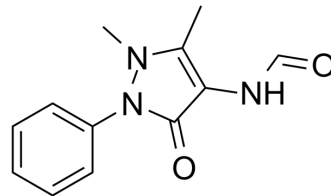


4-Formylaminoantipyrene

Cat. No.:	HY-133588
CAS No.:	1672-58-8
Molecular Formula:	C ₁₂ H ₁₃ N ₃ O ₂
Molecular Weight:	231.25
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

4-Formylaminoantipyrene is an excreted metabolite of aminophenazone. Aminophenazone is a pyrazolone with analgesic, anti-inflammatory, and antipyretic effects in vivo^[1].

REFERENCES

- [1]. M Levy, et al. Impairment of the metabolism of dipyrone in asymptomatic carriers of the hepatitis B virus. Clin Pharmacol Ther
- [2]. A Noda, et al. Formation of 4-formylaminoantipyrene as a new metabolite of aminopyrine. II. Enzymatic demethylation and oxidation of aminopyrine and 4-monomethylaminoantipyrene. Chem Pharm Bull (Tokyo).1976 Dec;24(12):3229-31.
- [3]. David do C Malvar, et al. Dipyrone metabolite 4-MAA induces hypothermia and inhibits PGE2 -dependent and -independent fever while 4-AA only blocks PGE2 -dependent fever. Br J Pharmacol. 2014 Aug;171(15):3666-79.

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

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