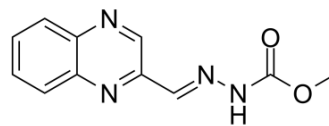


Desoxycarbadox

Cat. No.:	HY-136428
CAS No.:	55456-55-8
Molecular Formula:	C ₁₁ H ₁₀ N ₄ O ₂
Molecular Weight:	230.22
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Desoxycarbadox is a metabolite of Carbadox (HY-B1340). Carbadox is a quinoxaline-di-N-oxide antibiotic compound ^{[1][2]} .
In Vivo	Desoxycarbadox plays a significant role in the tumorigenic activity of carbadox in rats ^[3] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. MacIntosh AI, et al. Liquid chromatographic monitoring of the depletion of carbadox and its metabolite desoxycarbadox in swine tissues. J Assoc Off Anal Chem. 1985;68(4):665-671.
- [2]. Looft T, et al. Carbadox has both temporary and lasting effects on the swine gut microbiota. Front Microbiol. 2014;5:276. Published 2014 Jun 10.
- [3]. Zhang K, et al. Investigation of quinocetone-induced mitochondrial damage and apoptosis in HepG2 cells and compared with its metabolites. Environ Toxicol Pharmacol. 2015;39(2):555-567.

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

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