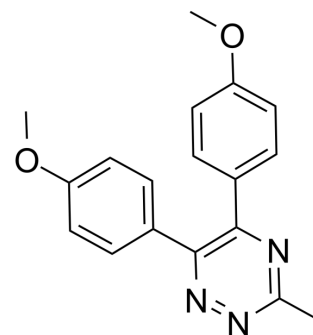


Anitrazafen

Cat. No.:	HY-17350
CAS No.:	63119-27-7
Molecular Formula:	C ₁₈ H ₁₇ N ₃ O ₂
Molecular Weight:	307.35
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anitrazafen is a topically effective antiinflammatory agent.
In Vivo	Anitrazafen is a topically effective antiinflammatory agent. The disposition of ¹⁴ C in normal and in bile-duct cannulated rats after oral administration of a single dose of 25 mg/kg of [3- ¹⁴ C]Anitrazafen shows the drug to be well absorbed from the gastro-intestinal tract and biliary excretion to be the major route of elimination of drug and/or metabolites. Plasma concentrations of total ¹⁴ C after subcutaneous administration of [3- ¹⁴ C]Anitrazafen in corn oil solution are about one half those found after oral administration ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

PROTOCOL

Animal Administration ^[1]	Male albino rats (200 to 250 g) are fasted for 24 h before experiment. [3- ¹⁴ C]Anitrazafen (25 mg/kg) is administered orally to twelve rats. At specific times after dosing, three animals are killed by decapitation and samples of blood and appropriate tissues are removed. Duplicate weighed samples of blood and each tissue are removed for ¹⁴ C assay ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
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REFERENCES

[1]. Sullivan HR, et al. Absorption and metabolism of anitrazafen, a topically effective anti-inflammatory agent, in the rat. *Xenobiotica*. 1981 Jan;11(1):9-22.

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

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