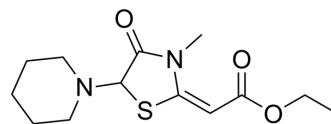


Etozolin

Cat. No.:	HY-B2081
CAS No.:	73-09-6
Molecular Formula:	C ₁₃ H ₂₀ N ₂ O ₃ S
Molecular Weight:	284.37
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Etozolin (W-2900A) is a diuretic agent. Etozolin inhibits fluid and electrolyte reabsorption in the loop of Henle. Etozolin can be used in research of congestive heart failure, hypertension and edema ^[1] .								
In Vivo	<p>Etozolin (W-2900A; 50 mg/kg; i.v.; once; sprague dawley rats) increases urinary fluid and sodium excretion and decreases glomerular filtration rate^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <table border="1"> <tr> <td>Animal Model:</td> <td>Sprague dawley rats^[1]</td> </tr> <tr> <td>Dosage:</td> <td>50 mg/kg</td> </tr> <tr> <td>Administration:</td> <td>Intravenous injection; once</td> </tr> <tr> <td>Result:</td> <td>Decreased fractional tubular sodium reabsorption by 8.7% and increased urinary fluid and sodium excretion.</td> </tr> </table>	Animal Model:	Sprague dawley rats ^[1]	Dosage:	50 mg/kg	Administration:	Intravenous injection; once	Result:	Decreased fractional tubular sodium reabsorption by 8.7% and increased urinary fluid and sodium excretion.
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REFERENCES

[1]. Greven J, et, al. Effect of Etozolin on whole kidney function and fluid and electrolyte reabsorption in rat proximal convoluted tubules and loops of Henle. *Arzneimittelforschung*. 1977;27(9a):1755-7.

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

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