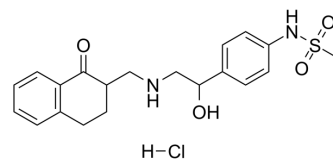


Anti-hypertensive sulfonanilide 1

Cat. No.:	HY-U00301
CAS No.:	129280-22-4
Molecular Formula:	C ₂₀ H ₂₅ ClN ₂ O ₄ S
Molecular Weight:	424.94
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anti-hypertensive sulfonanilide 1 is a potent antihypertensive agent extracted from patent EP0338793A2, compound XVIIIa,b*, example No.1.
In Vivo	Anti-hypertensive sulfonanilide 1 can be classified as tetralin sulfonanilides, is found to have antihypertensive properties and is therefore useful in controlling elevated blood pressure in mammals such as humans. The effective antihypertensive amount for use will vary both with the route of administration, the condition under treatment and the mammal undergoing treatment, and is ultimately at the discretion of the physician. A suitable oral dose of the active compound for a mammal is in the range of from about 1 to about 50 mg per kilogram body weight per day; preferably from about 2 to about 20 mg/kg ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

PROTOCOL

Animal Administration ^[1]	Rats ^[1] The blood pressure lowering activities of Anti-hypertensive sulfonanilide 1 is evaluated in conscious, genetically hypertensive rats (300-450 g). The oral doses of Anti-hypertensive sulfonanilide 1 are 3, 10, 30 mg/kg. Systolic and diastolic blood pressure measurements are made directly from the indwelling arterial cannula ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
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REFERENCES

[1]. Mcdermed J, et al. Anti-hypertensive sulfonanilides. EP0338793A2.

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

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