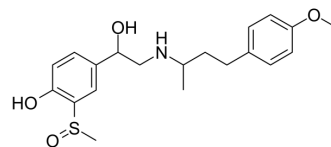


Sulfinalol

Cat. No.:	HY-106499
CAS No.:	66264-77-5
Molecular Formula:	C ₂₀ H ₂₇ NO ₄ S
Molecular Weight:	377.5
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Sulfinalol is an orally active β -adrenoceptor antagonist with direct vasodilator activity ^[1] .	
IC₅₀ & Target	β -adrenoceptor	
In Vivo	Sulfinalol shows direct vasodilator activity and antihypertensive activity ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	Mongrel dogs weighing 8.7-21.2 kg were anesthetized with pentobarbital (30-35 mg/kg, i.v., followed by a continuous infusion of 4 mg/kg/h) ^[1]
	Dosage:	0-100 μ g
	Administration:	Intraarterial injection
	Result:	Increased blood flow in the sympathetically denervated hindlimb of anesthetized dogs.
	Animal Model:	Male spontaneously hypertensive rats (SHR) ^[1]
	Dosage:	2.5 mg/kg
	Administration:	Oral administration
	Result:	Reduced pressure of conscious spontaneously hypertensive rats.

REFERENCES

[1]. E J Sybertz, et al. Studies on the mechanism of the acute antihypertensive and vasodilator actions of several beta-adrenoceptor antagonists. J Cardiovasc Pharmacol. 1982 Sep-Oct;4(5):749-58.

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

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