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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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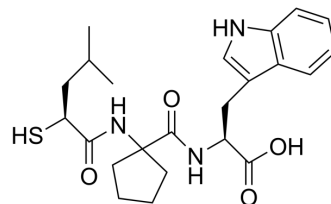
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CGS 35601

Cat. No.:	HY-18211
CAS No.:	849066-09-7
Molecular Formula:	C ₂₃ H ₃₁ N ₃ O ₄ S
Molecular Weight:	445.58
Target:	Angiotensin-converting Enzyme (ACE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CGS 35601 is the inhibitor for endothelin-converting enzyme-1 (ECE-1), neutral endopeptidase 24.11 (NEP), and angiotensin-converting enzyme (ACE), with IC ₅₀ s of 55, 2, and 22 nM, respectively. CGS 35601 suppresses the big endothelin-1 (big ET-1)- and angiotensin I-induced pressor response, and enhances circulation of atrial natriuretic peptide (ANP), regulates the cardiovascular function in SD rats ^[1] .
IC ₅₀ & Target	IC ₅₀ : 55 nM (ECE-1), 2 nM (NEP), 22 nM (ACE)

REFERENCES

[1]. Trapani AJ, et al., CGS 35601 and its orally active prodrug CGS 37808 as triple inhibitors of endothelin-converting enzyme-1, neutral endopeptidase 24.11, and angiotensin-converting enzyme. J Cardiovasc Pharmacol. 2004 Nov;44 Suppl 1:S211-5.

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

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