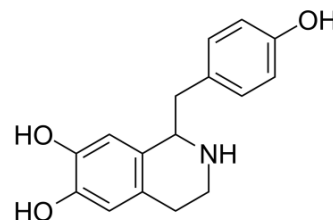


Higenamine

Cat. No.:	HY-N2037
CAS No.:	5843-65-2
Molecular Formula:	C ₁₆ H ₁₇ NO ₃
Molecular Weight:	271.31
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	Higenamine (Norcoclaurine), a β 2-AR agonist, is a key component of the Chinese herb aconite root that prescribes for treating symptoms of heart failure in the oriental Asian countries. Higenamine (Norcoclaurine) has anti-apoptotic effects ^[1] [2].
IC ₅₀ & Target	β 2-AR ^[1]

CUSTOMER VALIDATION

- J Pharmaceut Biomed. 2020, 113870.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Wu MP, et al. Higenamine protects ischemia/reperfusion induced cardiac injury and myocyte apoptosis through activation of β 2-AR/PI3K/AKT signaling pathway. Pharmacol Res. 2016 Feb;104:115-23.

[2]. Lee SR, et al. Acute oral intake of a higenamine-based dietary supplement increases circulating free fatty acids and energy expenditure in human subjects. Lipids Health Dis. 2013 Oct 21;12:148.

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

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