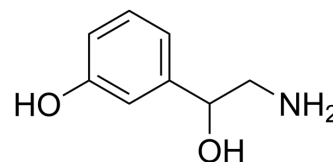


## Norfenefrine

<b>Cat. No.:</b>	HY-B1711
<b>CAS No.:</b>	536-21-0
<b>Molecular Formula:</b>	C <sub>8</sub> H <sub>11</sub> NO <sub>2</sub>
<b>Molecular Weight:</b>	153.18
<b>Target:</b>	Adrenergic Receptor
<b>Pathway:</b>	GPCR/G Protein; Neuronal Signaling
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Norfenefrine is an orally active, endogenously found $\alpha$ -adrenergic agonist and can be used for the research of female stress incontinence <sup>[1][2]</sup> .	
<b>IC<sub>50</sub> &amp; Target</b>	Adrenergic Receptor <sup>[2]</sup>	
<b>In Vivo</b>	Norfenefrine (1.25-5.00 mg/kg; s.c.; once) stimulates respiratory tract mucus secretion in mice <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	Male NMRI mice <sup>[1]</sup>
	Dosage:	1.25, 2.50, and 5.00 mg/kg
	Administration:	Subcutaneous injection, once
	Result:	Stimulated intratracheal phenol red secretion.

### REFERENCES

- [1]. Engler H, et al. Tracheal phenol red secretion, a new method for screening mucosecretolytic compounds. J Pharmacol Methods. 1984 Jun;11(3):151-7.
- [2]. Jørgensen L, et al. Acute effect of norfenefrine on the urethral pressure profile in females with genuine stress incontinence. Urol Int. 1991;46(2):176-9.

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

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