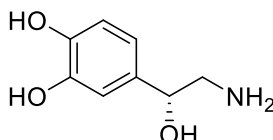


Noradrenaline

Code No.: **BIA-N2601**

Pack sizes: **0.1 mg, 0.5 mg**



Synonyms : (-)-Arterenol, (-)-Noradrenaline, (-)-Norepinephrine, (R)-(-)-Norepinephrine, (R)-Noradrenaline, (R)-Norepinephrine

Specifications

CAS #	: 51-41-2
Molecular Formula	: C₈H₁₁NO₃
Molecular Weight	: 169.18
Source	: Synthetic
Appearance	: Tan solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

Noradrenaline (norepinephrine) is an endogenous metabolite in mammals, also present in plant tissue. Noradrenaline is a sympathomimetic hormone of both adrenal and adrenergic orthosympathetic postganglionic origin in humans. Noradrenaline directly stimulates adrenergic receptors, causing vasoconstriction of the radial smooth muscle, increase in myocardial contractility, heart rate, automaticity and atrioventricular conduction, and bronchiolar and vascular smooth muscle dilatation.

References

1. Norepinephrine compound summary. <https://pubchem.ncbi.nlm.nih.gov/compound/439260>.
2. Serotonin and norepinephrine in plant tissues. Applewhite P.B. Phytochem. 1973, 12, 191.