**Product Data Sheet**

**Product Name:** Norepinephrine bitartrate monohydrate  
**CAS No.:** 108341-18-0  
**Cat. No.:** HY-13715B  
**MWt:** 337.28  
**Formula:** C12H19NO10  
**Purity:** >98%  
**Solubility:** DMSO

**Mechanisms:**  
Pathways: Others; Target: Others

**Biological Activity:**  
Norepinephrine (bitartrate monohydrate)  
Norepinephrine is a catecholamine with multiple roles including those as a hormone and a neurotransmitter.  
Target: Others  
Norepinephrine is a catecholamine with multiple roles including those as a hormone and a neurotransmitter. It is the hormone and neurotransmitter most responsible for vigilant concentration in contrast to its most chemically similar hormone, dopamine, which is most responsible for cognitive alertness. Medically it is used in those with severe hypotension. It does this by increasing vascular tone (tension of vascular smooth muscle) through α-adrenergic receptor activation. One of the most important functions of norepinephrine is its role as the neurotransmitter released from the sympathetic neurons to affect the heart. An increase in norepinephrine from the sympathetic nervous system increases the rate of cont...

**References:**  

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**Caution:** Not fully tested. For research purposes only

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