



OXYTOCIN W/ METHYLENE BLUE 100IU/0.010MG - NASAL SPRAY

RESEARCH USE PROTOCOL

Dosage	4–6 Sprays Daily
Time of Day	AM
Product Details	Concentration: 100 IU / 1% per mL (Important considerations for research use: Contraindicated with SSRI/MAOI usage.)
Product Duration	One bottle will last 1–2 months
Program Duration	6 months: 1 month on, 1-week cycle break; repeat ×2 more months
Storage	Store refrigerated at 2–8°C (36–46°F). Do not freeze. Protect from light.

WHAT IS OXYTOCIN W/ METHYLENE BLUE ?

Oxytocin is a peptide hormone studied for its role in social and emotional signaling pathways, as well as central nervous system communication.

Methylene Blue is included in low concentrations and is studied for its interaction with mitochondrial function and cellular energy pathways.

This combination is commonly explored in research related to neurochemical signaling, emotional processing, and metabolic efficiency pathways.

HOW IT WORKS

MECHANISM OF ACTION

This combination is studied for its interaction with both neurochemical and cellular energy pathways:

Oxytocin is associated with oxytocin receptor-related signaling in brain

Linked to emotional and social behavior pathways

Studied in stress-response and mood-related signaling mechanisms

Methylene Blue is associated with mitochondrial function pathways

Linked to cellular energy and metabolic signaling processes

These mechanisms are associated with neurochemical signaling and cellular energy pathways.

RESEARCH OBSERVATIONS

Studied for emotional and social signaling pathways

Studied for cognitive-related processes

Studied for stress-response regulation

Studied for mitochondrial function pathways

Studied for cellular energy signaling





OBSERVED REACTIONS IN RESEARCH SETTINGS

Research observations have noted mild and temporary responses such as nasal irritation, mild headache, or flushing sensations. Responses may vary depending on protocol design and individual variability.

RESEARCH NOTES

In research settings, administration technique and dosing consistency may influence observed outcomes. Factors such as timing, environmental conditions, and individual variability may impact response patterns.

IMPORTANT CONSIDERATIONS FOR RESEARCH USE

Not intended for human consumption or therapeutic use

Not suitable for use during pregnancy or breastfeeding

Not recommended for individuals with severe medical conditions

Not recommended for individuals under active medical treatment without supervision

Use in research settings may require professional oversight

Individual variability may influence observed outcomes