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Oxytocin Acetate Peptide

Ref: PTX-OS-50-56-6-31

Warning: this product is intended as a research product only. It is sold strictly for laboratory research purposes only but not for human use. They are not medicinal products and it can be harmful if ingested. Bodily introduction of any kind into humans or animals is strictly forbidden by law.

OVERVIEW

SIZE	1g
CAS	50-56-6
MOLECULAR FORMULA	C43H66N12O12S2
MOLECULAR WEIGHT	1007,1900000000001

SYNONYMS

3-Isoleucine-8-leucine vasopressin;Alpha-hypophamine;Atonin O;Di-sipidin;Endopituitrina;Hyphotocin;Intertocine S;Nobitocin S;Orasthin;Partocon;Perlacton;Pitocin;Piton S;Presoxin;Synpitan;Synpitan forte;Synthetic oxytocin;Syntocin;Syntocinon;Syntocinone;Uteracon;Vasopressin, 3-L-isoleucine-8-L-leucine-;[1-Hemicystine]-oxytocin;a-Hypophamine;Oxytocin Acetate;Oxytocin Acetate USP30;

PRODUCT INFORMATION

SEQUENCE	C[Cys-Tyr-Ile-Gln-Asn-Cys]-Pro-Leu-Gly-NH2
FORMAT	White powder
PURITY	0,97999999999999998
BACKGROUND INFORMATION	Oxytocin is a peptide hormone and a neuropeptide. It is usually produced by the paraventricular nucleus of the hypothalamus and released by the posterior pituitary. The fundamental effects of oxytocin are uterine contraction and facilitating milk production in lactating mothers. It is used to helps with bird, bonding with the baby and milk production in breast-feeding mothers. Because of its structural similarity to vasopressin, it can reduce the production of urine slightly and in some species it can stimulate sodium excretion by the kidneys.

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Antibodies and Proteins

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APPLICATIONS AND STORAGE

RESEARCH AREA	Reproductive Control Agents
APPLICATIONS	Oxytocin Acetate is the principal uterus-contracting and lactation-stimulating hormone of the posterior pituitary gland
STORAGE CONDITIONS	A cool(-20°C) & dry place protected from light, keep package close when not in use.