19-Norpregn-4-en-20-yne-3,17-diol,3,17-diacetate, (3b,17a)- (cas 297-76-7) MSDS

MSDS

CAS : 297-76-7
SYNONYMS : * 8080 C. B.
            * Cervicundin
            * 3-beta, 17-beta-Diacetoxy-17-alpha-ethynyl-4-oestrene
            * 3-beta,17-beta-Diacetoxy-19-nor-17-alpha-pregn-4-en-20-yne
            * Ethinodiol diacetate
            * Ethynodiol acetate
            * Ethynodiol diacetate
            * beta-Ethynodiol diacetate
            * 17-alpha-Ethynyl-3,17-dihydroxy-4-estrene diacetate
            * 17-alpha-Ethynylestr-4-ene-3-beta,17-beta-diol acetate
            * 17-alpha-Ethynyl-4-estrene-3-beta,17-beta-diol diacetate
            * 17-alpha-Ethynyl-4-estrene-3-beta,17-diol diacetate
            * 17-alpha-Ethynyl-19-norandrost-4-ene-3-beta,17-beta-diol diacetate
            * Femulen
            * Luto-metrodiol
            * Metrodiol
            * Metrodiol diacetate
            * (3-beta,17-alpha)-19-Norpregn-4-en-20-yne-3,17-diol diacetate
            * Ovulen 50
            * SC 11800

Catalog of Chemical Suppliers, Buyers, Custom Synthesis Companies And Equipment Manufacturers
[ 19-Nor-17-alpha-pregn-4-en-20-yne-3-beta,17-dioliacetate 297-76-7 ]

*** CHEMICAL IDENTIFICATION ***

RTECS NUMBER : RC8963000
CHEMICAL NAME : 19-Nor-17-alpha-pregn-4-en-20-yne-3-beta,17-diol diacetate
CAS REGISTRY NUMBER : 297-76-7
LAST UPDATED : 199510
DATA ITEMS CITED : 17
MOLECULAR FORMULA : C24-H32-O4
MOLECULAR WEIGHT : 384.56

WISWESSER LINE NOTATION : LE5 B666 MUTJE 1 FOVI F1UU1 OOV1

COMPOUND DESCRIPTOR : Tumorigen
                        Drug
                        Mutagen
                        Reproductive Effector
                        Human
                        Hormone

SYNONYMS/TRADE NAMES :
* 8080 C. B.
* Cervicundin
* 3-beta, 17-beta-Diacetoxy-17-alpha-ethynyl-4-oestrene
* 3-beta, 17-beta-Diacetoxy-19-nor-17-alpha-pregn-4-en-20-yne
* Ethinodiol diacetate
* Ethynodiol acetate
* Ethinodiol diacetate
* beta-Ethynodiol diacetate
* 17-alpha-Ethynyl-3,17-dihydroxy-4-estrene diacetate
* 17-alpha-Ethynylestr-4-ene-3-beta, 17-beta-diol acetate
* 17-alpha-Ethynyl-4-estrene-3-beta, 17-beta-diol diacetate
* 17-alpha-Ethynyl-4-estrene-3-beta, 17-diol diacetate
* 17-alpha-Ethynyl-19-norandrost-4-ene-3-beta, 17-beta-diol diacetate
* Femulen
* Luto-metrodiol
* Metrodiol
* Metrodiol diacetate
* (3-beta, 17-alpha)-19-Norpregn-4-en-20-yne-3, 17-diol diacetate
* Ovulen 50
* SC 11800

*** HEALTH HAZARD DATA ***

** REPRODUCTIVE DATA **

TYPE OF TEST : TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE : Oral
SPECIES OBSERVED : Human - woman
DOSE : 840 ug/kg
SEX/DURATION : female 21 day(s) pre-mating

TOXIC EFFECTS :
Reproductive - Fertility - other measures of fertility

REFERENCE :
SCIEAS Science. (American Assoc. for the Advancement of Science, 1333 H
TYPE OF TEST : TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE : Oral
SPECIES OBSERVED : Human - woman
DOSE : 840 ug/kg
SEX/DURATION : female 24 week(s) pre-mating

TOXIC EFFECTS:
Reproductive - Maternal Effects - menstrual cycle changes or disorders

REFERENCE:

---

TYPE OF TEST : TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE : Oral
SPECIES OBSERVED : Rodent - rat
DOSE : 700 ug/kg
SEX/DURATION : female 14 day(s) pre-mating

TOXIC EFFECTS:
Reproductive - Maternal Effects - uterus, cervix, vagina

REFERENCE:

---

TYPE OF TEST : TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE : Oral
SPECIES OBSERVED : Rodent - rat
DOSE : 6 mg/kg
SEX/DURATION : male 30 day(s) pre-mating

TOXIC EFFECTS:
Reproductive - Paternal Effects - testes, epididymis, sperm duct
Reproductive - Paternal Effects - prostate, seminal vesicle, Cowper's gland, accessory glands

REFERENCE:

---

TYPE OF TEST : TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE : Administration onto the skin
SPECIES OBSERVED : Rodent - rat
DOSE : 240 mg/kg
SEX/DURATION : male 30 day(s) pre-mating
TOXIC EFFECTS:

Reproductive - Paternal Effects - testes, epididymis, sperm duct
Reproductive - Paternal Effects - prostate, seminal vesicle, Cowper's gland, accessory glands

REFERENCE:

STEDAM Steroids. (Holden-Day Inc., 4432 Telegraph Ave., Oakland, CA 94609)
V.1- 1963- Volume(issue)/page/year: 10,687,1967

TYPE OF TEST: TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE: Subcutaneous
SPECIES OBSERVED: Rodent - rat
DOSE: 16500 ug/kg
SEX/DURATION: male 60 day(s) pre-mating

TOXIC EFFECTS:
Reproductive - Paternal Effects - testes, epididymis, sperm duct
Reproductive - Paternal Effects - prostate, seminal vesicle, Cowper's gland, accessory glands

REFERENCE:
ENDKAC Endokrinologie. (Leipzig, Ger. Dem. Rep.) V.1-80, 1928-82. For publisher information, see EXCEDS. Volume(issue)/page/year: 49,55,1965

TYPE OF TEST: TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE: Subcutaneous
SPECIES OBSERVED: Rodent - rat
DOSE: 48 mg/kg
SEX/DURATION: male 12 day(s) pre-mating

TOXIC EFFECTS:
Reproductive - Paternal Effects - spermatogenesis (incl. genetic material, sperm morphology, motility, and count)

REFERENCE:

TYPE OF TEST: TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE: Subcutaneous
SPECIES OBSERVED: Rodent - rat
DOSE: 1400 ug/kg
SEX/DURATION: female 14 day(s) pre-mating

TOXIC EFFECTS:
Reproductive - Maternal Effects - ovaries, fallopian tubes

REFERENCE:
CCPTAY Contraception. (Geron-X, Inc., POB 1108, Los Altos, CA 94022) V.1-
TYPE OF TEST : TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE : Subcutaneous
SPECIES OBSERVED : Rodent - rat
DOSE : 140 mg/kg
SEX/DURATION : female 14 day(s) pre-mating
TOXIC EFFECTS :
Reproductive - Maternal Effects - uterus, cervix, vagina
REFERENCE :
CCPTAY Contraception. (Geron-X, Inc., POB 1108, Los Altos, CA 94022) V.1-

TYPE OF TEST : TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE : Oral
SPECIES OBSERVED : Rodent - mouse
DOSE : 120 ug/kg
SEX/DURATION : female 3 day(s) pre-mating
TOXIC EFFECTS :
Reproductive - Maternal Effects - uterus, cervix, vagina
REFERENCE :
YACHDS Yakuri to Chiryo. Pharmacology and Therapeutics. (Raifu Saiensu Shuppan K.K., 2-5-13, Yaesu, Chuo-ku, Tokyo 104, Japan) V.1- 1972-
Volume(issue)/page/year: 6,1321,1978

TYPE OF TEST : TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE : Subcutaneous
SPECIES OBSERVED : Rodent - mouse
DOSE : 1560 ug/kg
SEX/DURATION : female 1-3 day(s) after conception
TOXIC EFFECTS :
Reproductive - Fertility - female fertility index (e.g. # females pregnant per # sperm positive females; # females pregnant per # females mated)
REFERENCE :
Volume(issue)/page/year: 9,277,1965

TYPE OF TEST : TDLo - Lowest published toxic dose
ROUTE OF EXPOSURE : Oral
SPECIES OBSERVED : Rodent - rabbit
DOSE : 5 mg/kg
SEX/DURATION : female 1 day(s) pre-mating
TOXIC EFFECTS :
Reproductive - Fertility - other measures of fertility

REFERENCE:
YACHDS Yakuri to Chiryo. Pharmacology and Therapeutics. (Raifu Saiensu Shuppan K.K., 2-5-13, Yaesu, Chuo-ku, Tokyo 104, Japan) V.1- 1972-
Volume(issue)/page/year: 6,1321,1978

** MUTATION DATA **

TYPE OF TEST : Mutation test systems - not otherwise specified
ROUTE OF EXPOSURE : Parenteral
TEST SYSTEM : Rodent - mouse
DOSE/DURATION : 16 ug/kg

REFERENCE:
AJOGAH American Journal of Obstetrics and Gynecology. (C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63146) V.1- 1920-
Volume(issue)/page/year: 120,390,1974

TYPE OF TEST : Mutation test systems - not otherwise specified
TEST SYSTEM : Rodent - mouse Cells - not otherwise specified
DOSE/DURATION : 100 ug/L

REFERENCE:
AJOGAH American Journal of Obstetrics and Gynecology. (C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63146) V.1- 1920-
Volume(issue)/page/year: 120,390,1974

TYPE OF TEST : Mutation test systems - not otherwise specified
TEST SYSTEM : Mammal - domestic Cells - not otherwise specified
DOSE/DURATION : 100 ug/L

REFERENCE:
AJOGAH American Journal of Obstetrics and Gynecology. (C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63146) V.1- 1920-
Volume(issue)/page/year: 120,390,1974

TYPE OF TEST : Cytogenetic analysis
TEST SYSTEM : Mammal - cattle Cells - not otherwise specified
DOSE/DURATION : 10 mg/L

REFERENCE:
AJOGAH American Journal of Obstetrics and Gynecology. (C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63146) V.1- 1920-
Volume(issue)/page/year: 120,390,1974

*** REVIEWS ***