



**SECTION: 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name	Episilvestrol
Chemical name	Methyl (1R,2R,3S,3aR,8bS)-6-((2S,3R,6R)-6-[(1S)-1,2-dihydroxyethyl]-3-methoxy-1,4-dioxan-2-yl}oxy)-1,8b-dihydroxy-8-methoxy-3a-(4-methoxyphenyl)-3-phenyl-2,3,3a,8b-tetrahydro-1H-benzo[b]cyclopenta[d]furan-2-carboxylate
CAS No	697235-39-5
Chemical formula	C <sub>34</sub> H <sub>38</sub> O <sub>13</sub>
Recommended use:	Research purposes ONLY
Supplier details	Sarawak Biodiversity Centre KM20, Jalan Borneo Heights, Semengoh Locked Bag No. 3032, 93990 Kuching, Sarawak, Malaysia. Tel : (6)082-610610 Fax: (6)082-611535
Emergency contact number	-

**SECTION 2: HAZARD IDENTIFICATION**

Classification not possible

Hazard Pictogram



Signal word	Warning
Hazard statement	May cause irritation to skin, eyes and respiratory tract
Precautionary statement	P281 Use personal protective equipment as required P261 Avoid breathing dust P262 Avoid contact with eyes, skin and clothing P233 Keep container tightly closed P235 Keep cool

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Name	CAS No.	%
Silvestrol	697235-39-5	99



**SECTION 4 : FIRST AID MEASURES**

Inhalation:	Immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, qualified personnel may give oxygen.
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Skin contact:	Immediately wash skin with plenty of water
Eye contact:	Flush eyes thoroughly with water for at least 15 minutes.
Ingestion:	Ingestion is not considered as potential route of exposure.

## SECTION 5 : FIRE FIGHTING MEASURES

Suitable extinguishing media	Carbon dioxide, dry chemical powder or suitable foam
Specific hazard	Emit toxic fume under fire conditions
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precaution	Wear appropriate personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe area.
Method for containment and clean up	Avoid dry sweeping or other methods which raise dust. Vacuum or wet-sweep and place into a suitable closable, labelled container for disposal. Wash the spill site after material pickup is complete.

## SECTION 7: HANDLING AND STORAGE

Handling:	Avoid contact with skin, eyes and clothing. Do not breathe dust.
Storage:	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat

## SECTION 8: EXPOSURE CONTROL/ PERSONAL PROTECTION

Exposure guidelines:	Contains no substances with occupational exposure limit
Engineering measures:	Ensure adequate ventilation.
Personal protective equipment:	Respiratory protection-respiratory protection is not required. Where protection from nuisance level of dust are desired, use type N95 dust mask.  Hand protection- handle with rubber gloves.  Eye protection – wear safety glass/ goggles when handling in large amount.  Skin and body protection- choose appropriate body protection in relation to its type, concentration and amount of product and to specific workplace

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid
Molecular mass	654.66
Colour	White
Odour	Odourless
pH	No data available
Melting point	134°C – 135°C
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability	No data available
Vapour pressure	No data available



Vapour density	No data available
Relative density	No data available
Solubility (ies)	Soluble in DMSO, MeOH and ACN
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Viscosity	No data available

#### **SECTION 10: STABILITY AND REACTIVITY**

Stability:	Stable under normal condition and pressure
Possibility of hazardous reactions	No data available
Conditions to avoid:	No data available
Materials to avoid	Strong acids and bases

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

#### **SECTION 12: ECOLOGICAL INFORMATION**

No specific data or information available

#### **SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with prevailing country, federal, state and local regulations

#### **SECTION 14: TRANSPORT INFORMATION**

This product is considered to be non-hazardous for transport.

#### **SECTION 15: REGULATORY INFORMATION**

No known OSHA hazards

#### **SECTION 16: OTHER INFORMATION**

The above information is based on the present state of our knowledge and literature search. It shall be used only as a guideline. Sarawak Biodiversity Centre shall not be held liable for any damage resulting from handling or from contact with the above product.

