

PRODUCT: Formestane**ALTERNATE NAMES:**

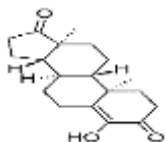
(8R,9S,10R,13S,14S)-4-hydroxy-10,13-dimethyl-7,8,9,10,11,12,13,14,15,16-decahydro-1H-cyclopenta[a]phenanthrene-3,17(2H,6H)-dione; CGP 32349; NSC 282175

CATALOG NUMBER:

B2041-50, 250

AMOUNT:

50 mg, 250 mg

STRUCTURE:**MOLECULAR FORMULA:**C₁₉H₂₆O₃**MOLECULAR WEIGHT:**

302.41

CAS NUMBER:

566-48-3

APPEARANCE:

White to off-white solid

SOLUBILITY:

DMSO (~10 mg/ml)

PURITY:

≥98% by HPLC

STORAGE:

Store at -20 °C. Protect from air and moisture

DESCRIPTION:

Formestane is a steroidal aromatase inhibitor. It binds irreversibly to and inhibits the enzyme aromatase, thereby blocking the conversion of cholesterol to pregnenolone and the peripheral aromatization of androgenic precursors into estrogens.

REFERENCES:

Lesuisse, D., *et al.* (1992). *J. Med. Chem.* **35**, 1588-1597.

HANDLING:

Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:DL-Aminoglutethimide (**B2040**)Exemestane (**9473**)Formestane (**B2041**)**USAGE:****FOR RESEARCH USE ONLY! Not to be used in humans**