Desogestrel
Item No. 23651

CAS Registry No.: 54024-22-5
Formal Name: (17α)-13-ethyl-11-methylene-18,19-dinorpregn-4-en-20-yn-17-ol
Synonym: Org 2969
MF: C_{22}H_{30}O
FW: 310.5
Purity: ≥95%
Supplied as: A solid
Storage: -20°C
Stability: ≥2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Desogestrel is supplied as a solid. A stock solution may be made by dissolving the desogestrel in the solvent of choice. Desogestrel is soluble in the organic solvent methanol, which should be purged with an inert gas.

Description

Desogestrel is a synthetic progestogen. It inhibits ovulation and prevents fertilization in rabbits and mice. Desogestrel inhibits rhodamine123 efflux, a measure of P-glycoprotein activity, ex vivo in human lymphocytes and CD8+ T cells in a dose-dependent manner. Formulations containing desogestrel have been used as oral contraceptives and for the treatment of polycystic ovary syndrome.

References