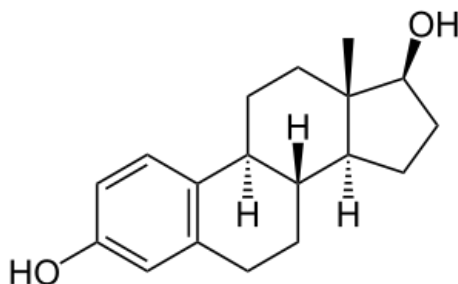


Estradiol conjugated BSA

Catalog Number : bs-4533PB

Background : Estradiol (known as alpha Estradiol or 17 alpha Estradiol) is a biologically active estrogen in human breast cancer cells in tissue culture. 17-estradiol and its selective receptor, ER-X, are not part of a classical hormone/receptor endocrine system but of a system with important autocrine/paracrine functions in the developing and adult brain. 17-Estradiol may have enormous implications for hormone replacement strategies at the menopause and in the treatment of such neurodegenerative disorders as Alzheimer's disease and ischemic stroke.

Chemical structure: $C_{18}H_{24}O_2$ MW: 272.38 g/mol



Carrier protein: BSA

Conjugation rate: $\geq 70\%$

Storage: Store at $-20\text{ }^{\circ}\text{C}$ for one year. Avoid repeated freeze/thaw cycles.

Application Range: Could use for immunizing animal to prepare antibody or coating antigen to detect the antibody.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.