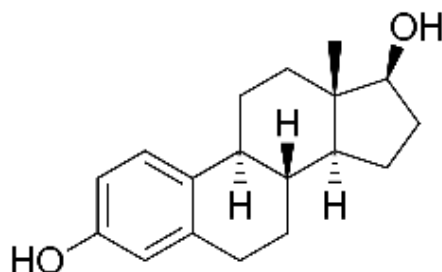


Catalog Number: **RCTT1200**

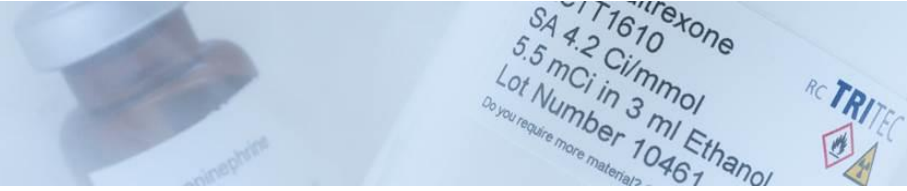


272.38 g/mol
C₁₈H₂₄O₂

[H-3] β-Estradiol

CAS-Number: 50-28-2

Description: Agonist of the estrogen receptor (ER), a nuclear steroid hormone receptor.



Packing/Concentration: 1.0 mCi/ml (37 MBq/ml) in ethanol. Shipped at room temperature.

Radiochemical Purity: The radiochemical purity after purification was determined to be >99%.

Specific Activity Range: 20-60 Ci/mmol (740-2220 GBq/mmol)

Stability/Storage: The initial rate of degradation of this compound, stored as received, at temperatures below -60 °C in the dark, is currently under investigation. The decomposition of the compound is not linear or related to isotope half-life. Deviations of different lots may occur.

Lot specific information:

Lot Number :	09901
Specific activity:	59.4 Ci/mmol 2.19 TBq/mmol
Purification Date:	08.06.2021
Day of Analysis:	08.06.2021

Note: The compound was isolated from the HPLC eluent under neutral conditions by solid phase extraction. The mass spectrum is consistent with the proposed structure and a non-labeled reference; the HPLC retention time is consistent with a non-labeled reference. Actual position of labels not verified. For research and development use only, not for use in humans.