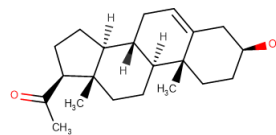


Product Name	: Pregnenolone
Synonyms	: NSC 1616; NSC 18158; 3 β -hydroxy-5-Pregnen-20-one; Δ^5 -Pregnenolone
Cat No.	: M11947
CAS Number	: 145-13-1
Molecular Formula	: C ₂₁ H ₃₂ O ₂
Formula Weight	: 316.48
Chemical Name	: 1-((3S,8S,9S,10R,13S,14S,17S)-3-hydroxy-10,13-dimethyl-2,3,4,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthren-17-yl)ethan-1-one
Description	: A 21-carbon steroid, derived from cholesterol and found in steroid hormone-producing tissues. Pregnenolone is the precursor to gonadal steroid hormones and the adrenal corticosteroids.
Pathway	: Endocrinology/Hormones
Target	: AChR
Receptor	: mAChR
Solubility	: Ethanol: 22 mg/mL (69.51 mM); DMSO: 22 mg/mL (69.51 mM)
SMILES	: <chem>O=C[C@H](C1)CC[C@@]2(C)C1=CC[C@]3([H])[C@]2([H])CC[C@@]4(C)[C@@]3([H])CC[C@@H]4C(C)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1.Wong P, et al. Transl Psychiatry. 2015 Mar 17; 5:e528.