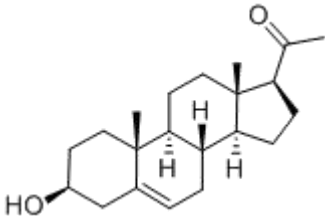


## Technical Data Sheet

### Basic information

Chemical name	Pregnenolone	Formula	C21H32O2
Synonyms	3b-hydroxy-5-pregnen-20-one	Chemical structure	
CAS.No.	145-13-1		
EINECS No.	205-647-4		
Molecular weight	316.48		

### Physical properties

Appearance	White to gray powder
Density,g/cm <sup>3</sup>	1.09
Boiling point,°C	443.3
Melting point,°C	188-190
Flash point,°C	188.90
Refractive Index	1.549
Solubility	Insoluble in water

### Specification

Items	Specification
Appearance	White crystalline powder
Assay, %	≥99.00
Melting range, °C	185.00 ~ 193.00
Related substances, %	Single impurity ≤0.50 Total impurities ≤1.00
Specific optical rotation, °	+27.00 ~ +31.00
Loss on drying, %	≤0.50

## Application

- Progesterone is an important intermediate for the synthesis of progesterone and phenacetin.
- Pregnenolone used for biochemical research.

## Package

- 1kg/aluminum foil bag;
- 25kg per drum, packed in fiber drum and two plastic bags inside;



## Safety on transportation

It belongs to common goods, always refer to MSDS.

## Storage and handling

Keep tightly closed, store in a cool dry place.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

*The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.*

**Issue Date:** 1st,12,2016