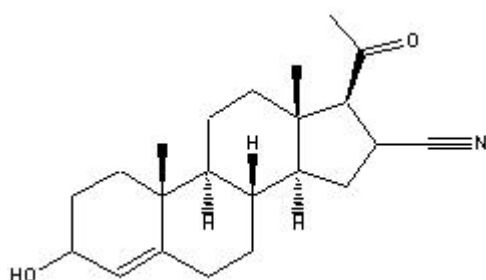


TECHNICAL INFORMATION

Catalog Number: 156362

5-Pregnen-3-beta-ol-20-one-16-alpha-carbor

Structure:



Molecular Formula: C₂₂H₃₁NO₂

Molecular Weight: 341.5

CAS # : 1434-54-4

Synonyms: Pregnenolene-16a-carbonitrile; U-14975

Physical Appearance: White to off white powder

Description: Cytochrome P-450 inducer. Activates transcription of the PCN1 gene.

Solubility: Soluble in DMF (5mg/ml) and acetone (1mg/ml). Store solutions aliquoted at -20°C for up to 3 months.

References:

- Hardwick, J.P., et al., *J. Biol. Chem.*, v. **258**, 10182 (1983)
- Watkins, P.B., et al., *Proc. Natl. Acad. Sci. USA* v. **82**, 6310 (1985)
- Gonzalez, F.J., et al., *Mol. Cell. Biol.* v. **6**, 2969 (1986)