

3-hydroxyandrostane-6,17-dione Biochemical

3-hydroxyandrostane-6,17-dione

CATALOG #
AAA226918

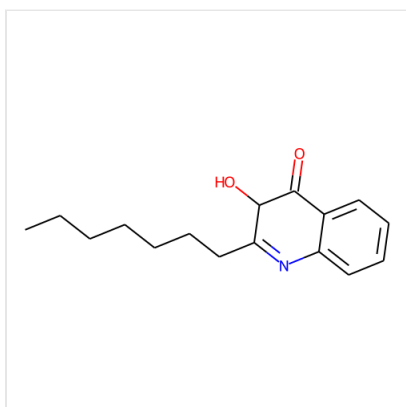
PRODUCT SYNONYMS

3-hydroxyandrostane-6; 17-dione; Pseudomonas Quinolone Signal; PQS; 17-dione biochemical

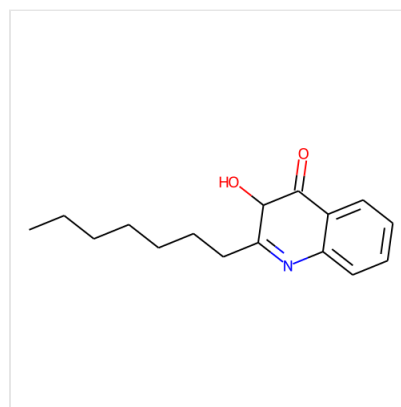
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
2-heptyl-3-hydroxy-4(1H)-Quinolone, CAS 108985-27-9



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ADDITIONAL INFORMATION

References

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1. Pesci, E.C., Milbank, J.B.J., Pearson, J.P., et al. Quinolone signaling in the cell-to-cell communication system of *Pseudomonas aeruginosa*. Proc. Natl. Acad. Sci. USA 96(20), 11229-11234 (1999). href="javascript:void(0)" >
 2. Diggle, S.P., Winzer, K., Chhabra, S.R., et al. The *Pseudomonas aeruginosa* quinolone signal molecule overcomes the cell density-dependency of the quorum sensing hierarchy, regulates rhl-dependent genes at the onset of stationary phase and can be produced in the absence of LasR. Mol. Microbiol. 50(1), 29-43 (2003). href="javascript:void(0)" >
 3. Bredenbruch, F., Geffers, R., Nimtz, M., et al. The *Pseudomonas aeruginosa* quinolone signal (PQS) has an iron-chelating activity. Environ. Microbiol. 8(8), 1318-1329 (2006).

NCBI AND UNIPROT INFORMATION

Molecular Weight 259.349

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/3-hydroxyandrostane-617-dione/226918>