

## Product Data Sheet

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Product Name: 3-Hydroxybenzo[a]pyrene

Cat. No.: GC79600

### Chemical Properties

Cas. No. 13345-21-6

Formula  $C_{20}H_{12}O$

M.Wt 268.31

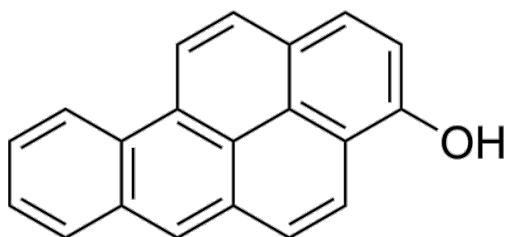
Solubility

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



### Background

3-Hydroxybenzo[a]pyrene (3-OH-BaP) is a preferable biomarker to assess exposure to benzo[a]pyrene (BaP), a carcinogenic agent.

References:

[1]. Luo K, Gao Q, Hu J. Determination of 3-Hydroxybenzo[a]pyrene Glucuronide/Sulfate Conjugates

**Caution: Product has not been fully validated for medical applications. For research use only.**

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in Human Urine and Their Association with 8-Hydroxydeoxyguanosine. Chem Res Toxicol. 2019;32(7):1367-1373.

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