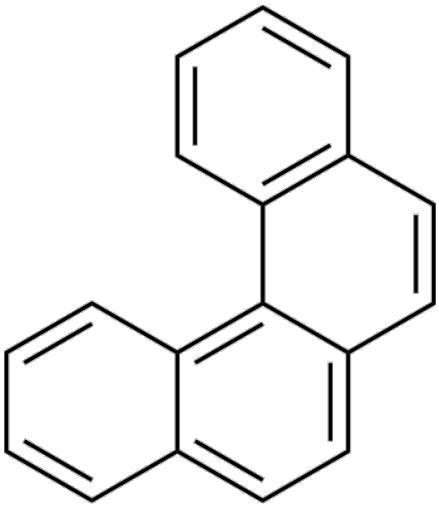
Product Data Sheet

Product Name: Benzo[c]phenanthrene
Cat. No.: GC81623

Chemical Properties

Cas. No.	195-19-7		
Formula	$C_{18}H_{12}$	M.Wt	228.29
Solubility		Storage	Store at room temperature
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

Benzo[c]phenanthrene has carcinogenic activity. Benzo[c]phenanthrene can be used as a substrate or intermediate [1].

References:

[1]. FLURRY R Jr. A SIMPLE METHOD FOR PREDICTING THE CARCINOGENIC PROPERTIES OF POLYCYCLIC AROMATIC MOLECULES. J Med Chem. 1964 Sep;7:668-70.
[2]. Melvin S. Newman, et al. A New Synthesis of Benzo(c)phenanthrene: 1,12-Dimethylbenzo(c)phenanthrene.Journal of the American Chemical Society 1952 74 (13), 3225-3228

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