

Product Data Sheet

Product Name: Dibenzo(a,i)pyrene

Cat. No.: GC72948

Chemical Properties

Cas. No. 189-55-9

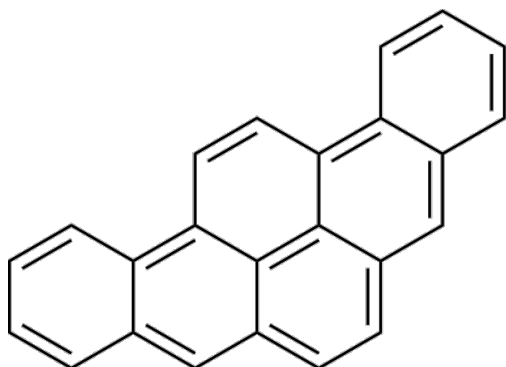
Formula $C_{24}H_{14}$ M.Wt 302.37

Solubility Chloroform : 1.25 mg/mL (4.13 mM; ultrasonic and warming and heat to 60°C) Storage -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

Dibenzo(a,i)pyrene is a 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) receptor ligand.

References:

[1]. Dan Johnels, et al. Quantitative Structure-Activity Relationship (QSAR) Analysis Using the Partial Least Squares (PLS) Method: The Binding of Polycyclic Aromatic drocarbons (PAH) to the Rat Liver 2,3,7,8-Tetrachlorodibenzo-P-Dioxin (TCDD) Receptor. Quant. Struct.-Act. Relat. 8, 83-89 (1989).

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

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