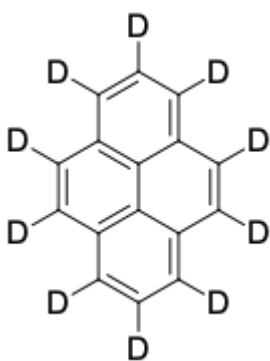


Pyrene-d10

<http://cn.lumiprobe.com/p/pyrene-d10>

Pyrene-d10 is a deuterated analog of pyrene, used extensively as an internal standard in various spectroscopic studies. It is specifically valuable in research involving polycyclic aromatic hydrocarbons (PAHs), where it assists in quantitative analysis through techniques such as gas chromatography-mass spectrometry (GC-MS).

In environmental studies, Pyrene-d10 is employed to track the presence and transformation of pyrene in soil, water, and air samples, helping scientists understand the distribution and fate of PAHs in the environment. Additionally, its stable isotopic labeling is exploited in the study of molecular dynamics and in the elucidation of complex mechanisms of chemical reactions. In material science, Pyrene-d10 is used in the investigation of organic semiconductors, where its fluorescence properties enable researchers to probe the behavior of pyrene in various matrices and conditions.



外观:

分子 212.31

重量:

CAS 1718-52-1

编号:

分子 $C_{16}D_{10}$

式:

质量 收到后 -20°C 避光保存 24 个月。运输: 室温下最多可保存3周。干燥。

控制:

储存

条件:

法律

声明: 本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。