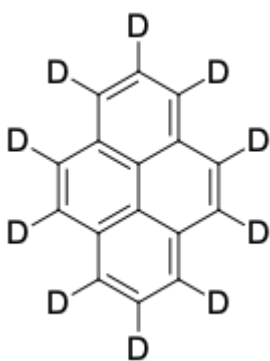


Pyrene-d10

<http://hk.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:

分子量: 212.31

CAS 编号: 1718-52-1

分子式: $C_{16}D_{10}$

质量控制: 收到後 -20°C 避光保存 24 個月。運輸: 室溫最多可保存3週。乾燥。

储存条件:

法律声明: 本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。