

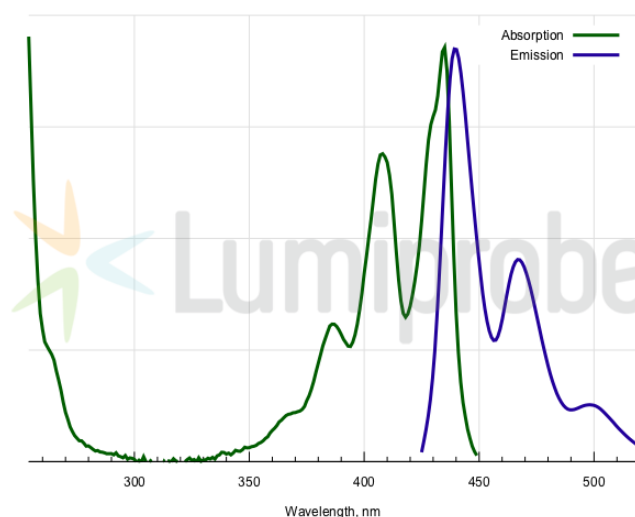
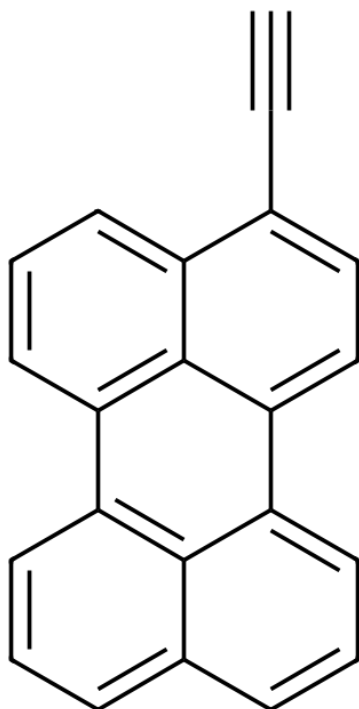
3-Ethynylperylene

<http://cn.lumiprobe.com/p/3-ethynyl-perylene>

Perylene is PAH (polycyclic aromatic hydrocarbon) containing five fused rings. Planarity of this molecule gives rise to its ruggedness, low solubility of its derivatives, as well as its outstanding fluorescence.

Perylene possesses intense green fluorescence, great photostability, and quantum yield approaching unity. This makes this PAH one of the most promising blocks for the design of new molecular probes, functional materials, and molecular devices.

This molecule contains alkyne group ready for Click Chemistry, as well as for other coupling reactions such as Sonogashira cross-coupling.



外观:
分子 276.33
量:
CAS 132196-66-8
编号:
分子 $C_{22}H_{12}$
式:
IUPAC 3-Ethynylperylene
名称:

溶解
度:
质量
控制:
储存
条件:

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声明: 断、人类或动物用途，以及商业用途。

激发/ 435; 408; 252
吸收
极大
值,
纳米:
 ϵ , 摩 36000
尔吸
光系
数 m^2

发射 439; 467
极大
值,
纳米:
荧光 1.0
量子
产率: