

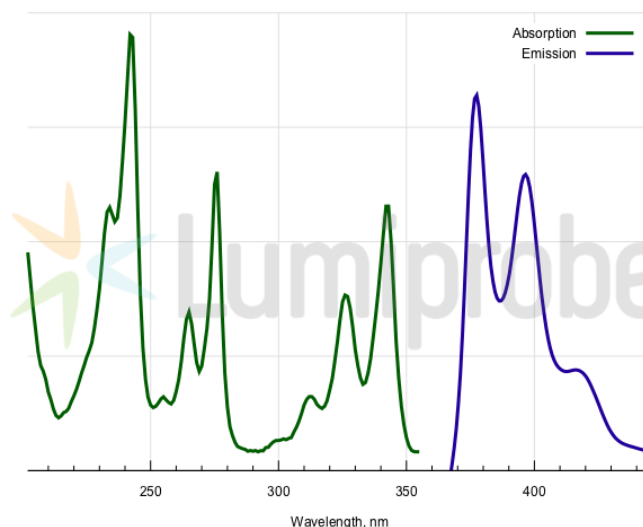
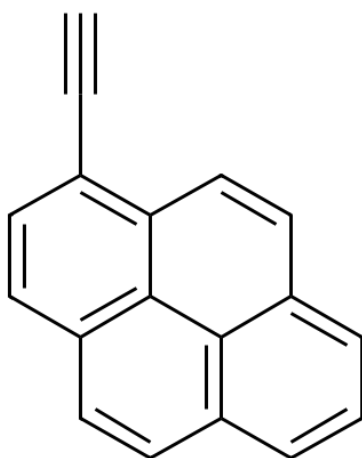
1-Ethynyl pyrene

<http://cn.lumiprobe.com/p/1-ethynyl-pyrene>

Pyrene is one of the simplest polycyclic aromatic hydrocarbons (PAHs). Pyrene derivatives are known for their ability to intercalate dsDNA.

Pyrene possesses intrinsic fluorescence. When two pyrene residues are located in close proximity, excimer formation can be observed by fluorescence spectroscopy. Pyrene has been therefore used to probe structures of biomolecules.

Ethynylpyrene molecule contains terminal triple bond fragment for click chemistry, as well as other coupling reactions such as Sonogashira coupling.



外观:

分子 226.27

量:

CAS 34993-56-1

编号:

分子 $C_{18}H_{10}$

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激发/吸收极大值, 纳米: 343; 326; 313; 276; 265; 242; 234

发射极大值, 纳米: 377; 397

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