

Pyrene azide 1

<http://hk.lumiprobe.com/p/pyrene-azide>

This product will be discontinued soon in favor of [Pyrene azide 2](#)

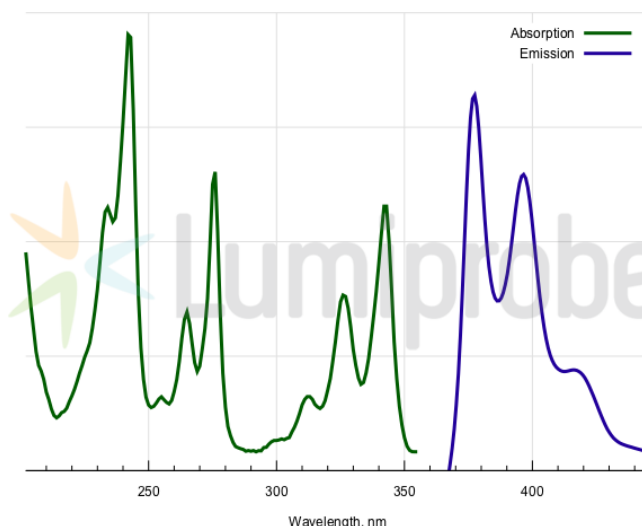
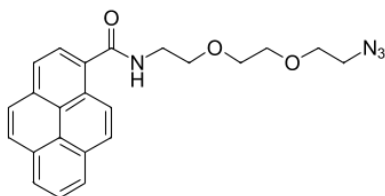
Pyrene is a polyaromatic hydrocarbon with strong short-wavelength fluorescence. Unlike other fluorescent dyes, polyaromatic hydrocarbons are fluorescent probes with a strong sensitivity to the microenvironment. Thus, its fluorescence is different in polar, and nonpolar environments. Other effects can also be observed.

When two pyrenes are in close proximity, they form excimers. Excimer formation can be easily observed, and quantitatively estimated using fluorescent spectra.

Pyrene azide is a reagent for easy pyrene click chemistry labeling of any alkyne-bearing molecule. It allows turning any molecule into a pyrene-bearing probe.

This azide contains a hydrophilic triethyleneglycol linker to mitigate intrinsic pyrene hydrophobicity and facilitate attachment to biomolecules in aqueous solutions.

Another pyrene azide for click chemistry labeling is also available: [Pyrene azide 2](#).



外观:

分子量: 402.45

CAS 编号: 2135330-58-2

分子式: C₂₃H₂₂N₄O₃

溶解度:

质量控制:

储存条件:

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