

Pyrene azide 1

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

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

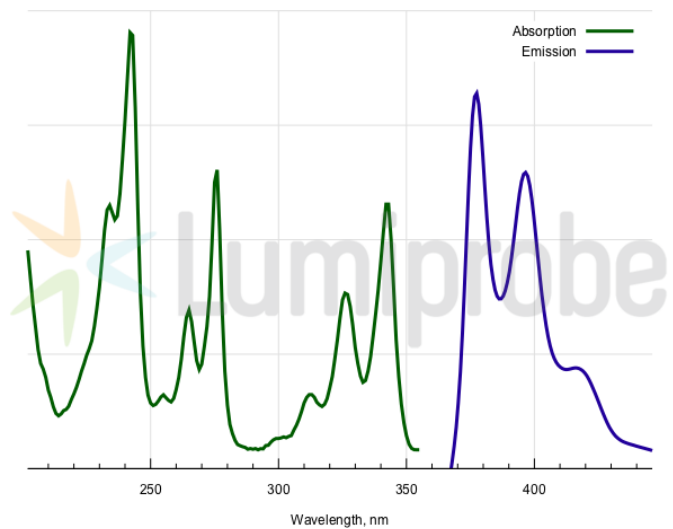
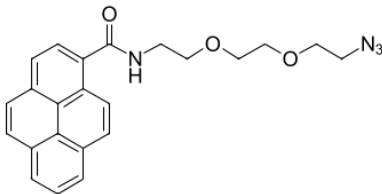
Pyrene is a polyaromatic hydrocarbon with strong short-wavelength fluorescence. Unlike other fluorescent dyes, polyaromatic hydrocarbons are fluorescent probes with a strong sensitivity to the microenvironment. Thus, its fluorescence is different in polar, and nonpolar environments. Other effects can 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 402.45

量:

CAS 2135330-58-2

编

号:

分子 C₂₃H₂₂N₄O₃

式:

溶解

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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。

明:

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

发射 377; 397
极大
值,
纳
米: