

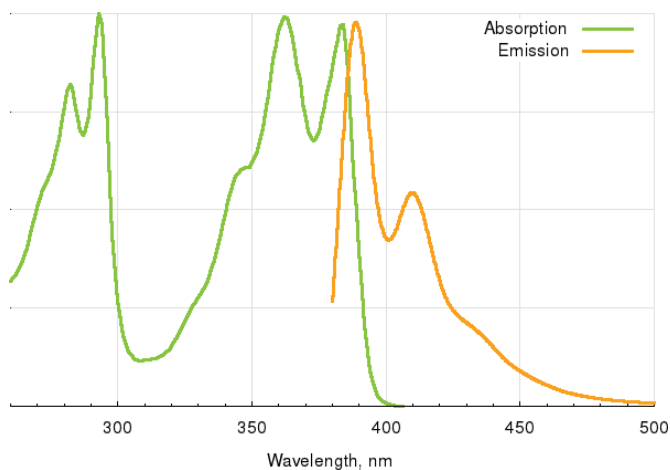
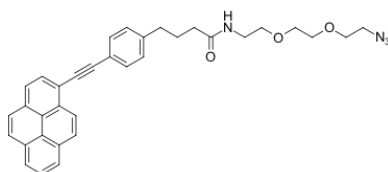
AF 384 (PEP) azide

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

Phenylethynylpyrene (PEP) fluorophore is a polyaromatic hydrocarbon label with high sensitivity to microenvironment. Similarly to [pyrene](#), PEP dye readily forms excimers. However, AF 384 (PEP) fluorescence is more red-shifted

PEP can be used as microenvironment probe, and as a label for assays based on excimer formation.

This reagent contains triethyleneglycol linker to facilitate dissolution of non-polar PEP dye in organo-aqueous labeling reaction mixtures. With this azide, and click chemistry, it is easy to turn any molecule bearing alkyne into PEP-labeled probe.



外观:

分子量: 544.64

CAS 编号: 1807521-02-3

分子式: $C_{34}H_{32}N_4O_3$

溶解度:

质量控制:

储存条件:

激发/吸收极大值, 纳米: 293; 362; 384

ϵ , 摩尔吸光系数, cm^{-1} : 46300

发射极大值, 纳米: 389

荧光量子产率: 0.64