

Pyrenebutyric acid NHS ester

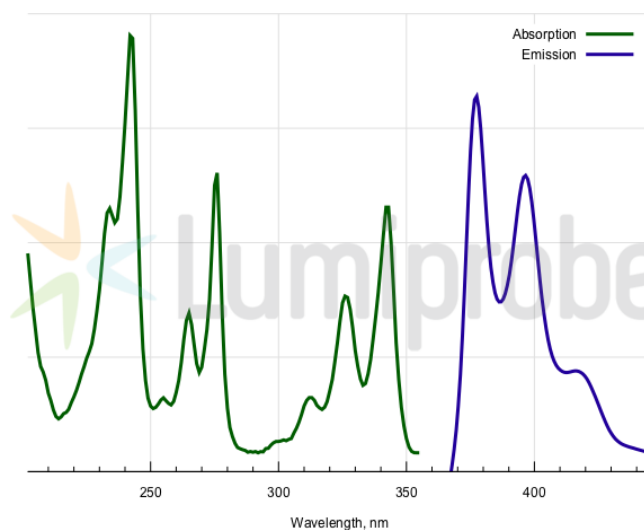
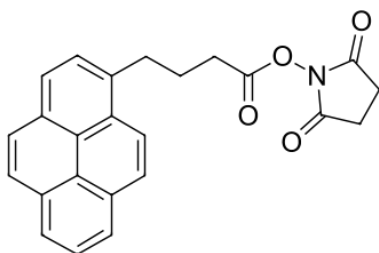
<http://cn.lumiprobe.com/p/pyrene-nhs-ester>

Pyrene is a polycyclic aromatic hydrocarbon which exhibits fluorescence in blue range of the spectrum. When two pyrene residues are closely spaced, excimer fluorescence is observed at longer wavelength. Therefore, pyrene is useful as a proximity label.

Pyrene exhibits affinity to graphite, and can be used as an anchor group for graphite. This reagent can be conjugated with biomolecules for their subsequent immobilization on graphite surfaces.

This NHS ester allows to label biomolecules with amino groups, such as proteins, peptides, amino-DNA and other molecules.

Pyrene is also a FRET donor for perylene.



外观:

质谱 M+ 增量: 270.1

分子量: 385.41

CAS 编号: 114932-60-4

分子式: C₂₄H₁₉NO₄

IUPAC 名称: 1-Pyrenebutanoic acid, 2,5-dioxo-1-pyrrolidinyl ester

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