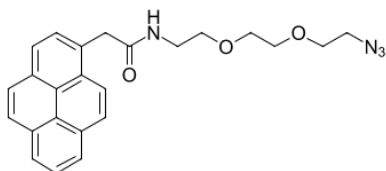


Pyrene azide 2

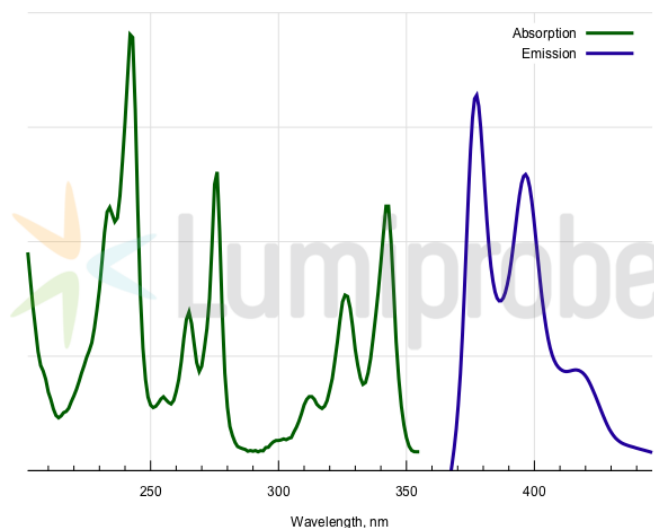
<http://www.lumiprobe.com/p/pyrene-azide-2>

This pyrene azide is a derivative of pyreneacetic acid with triethyleneglycol (PEG3) linker.

An [alternative pyrene azide with a shorter linker](#) is also available. A detailed description of the fluorophore can be found there.



Structure of Pyrene azide 2



Absorption and emission spectra of pyrene fluorophore

General properties

Appearance:	yellowish solid
Molecular weight:	416.47
CAS number:	1807512-45-3
Molecular formula:	$C_{24}H_{24}N_4O_3$
Solubility:	good solubility in chloroform, dichloromethane, moderate solubility in DMSO, DMF, acetonitrile
Quality control:	NMR 1H (95%)
Storage conditions:	Storage: 24 months after receipt at $-20^\circ C$ in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light.

Spectral properties

Excitation/absorption maximum, nm:	343; 326; 313; 276; 265; 242; 234
Emission maximum, nm:	377; 397