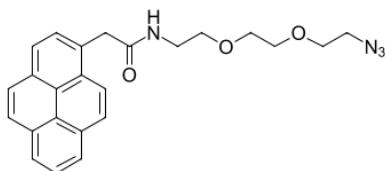


## Pyrene azide 2

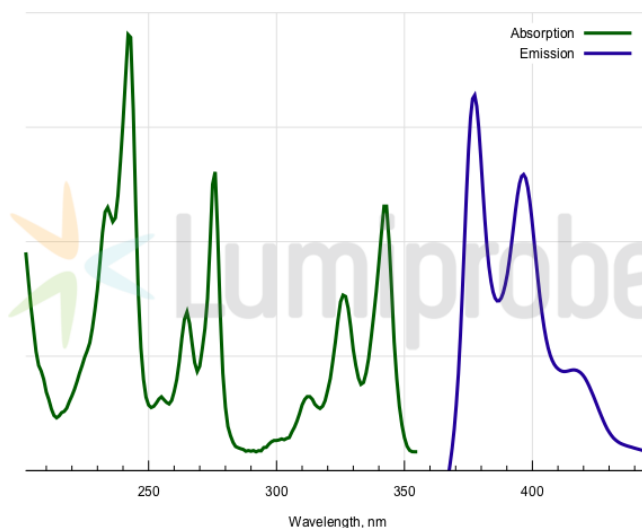
<http://www.lumiprobe.com/p/pyrene-azide-2>

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 <sub>24</sub> H <sub>24</sub> N <sub>4</sub> O <sub>3</sub>
Solubility:	good solubility in chloroform, dichloromethane, moderate solubility in DMSO, DMF, acetonitrile
Quality control:	NMR <sup>1</sup> H (95%)
Storage conditions:	Storage: 24 months after receipt at -20°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