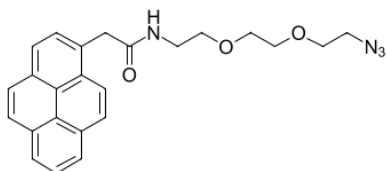


Pyrene azide 2

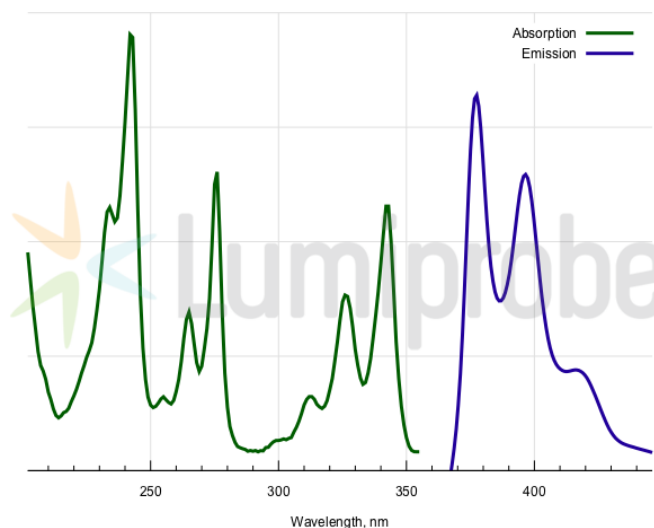
<http://www.lumiprobe.com/p/pyrene-azide-2>

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.
Legal statement:	This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.

Spectral properties

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