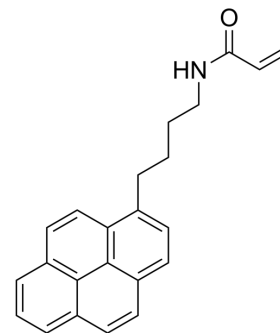


## N-Acryloyl-1-pyrenebutylamine

Cat. No.:	HY-147232
CAS No.:	133399-57-2
Molecular Formula:	C <sub>23</sub> H <sub>21</sub> NO
Molecular Weight:	327.42
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

N-Acryloyl-1-pyrenebutylamine is a potent fluorescent derivatization agent. N-Acryloyl-1-pyrenebutylamine combines with an alkyl-acrylamide side-chain to give fluorescence function on the polymer.<sup>[1][2]</sup>

### REFERENCES

[1]. Kujawa P, et, al. Interactions in water of alkyl and perfluoroalkyl surfactants with fluorocarbon- and hydrocarbon-modified poly(N-isopropylacrylamides). *Langmuir*. 2005 Oct 25;21(22):10046-53.

[2]. Ringsdorf H, et, al. Fluorescence studies of hydrophobically modified poly(N-isopropylacrylamides). *Macromolecules*. 1991 Apr 1;24(7):1678-86.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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