

Product Information

Alcohol/Pyrene PEG reagent, Pyrene-PEG5-alcohol, Purity 98%

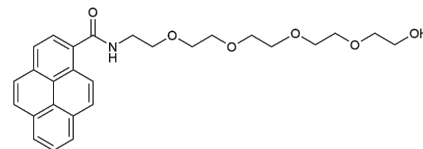
Cat. No.: X24-03-YW0607

Size: 1 mg; 5 mg; 10 mg

CAS Number: 1817735-44-6

PubChem CID: 102514818

Synonym: 1817735-44-6; Pyrene-PEG5-alcohol; Pyrene-PEG5-OH; Pyrene
-PEG5-alcohol; *N*-(14-Hydroxy-3,6,9,12-tetraoxatetradecyl)pyrene-1-carboxamide
This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Pyrene-PEG5-alcohol is a pyrene-labeled PEG linker with a hydroxyl group.
Molecular Weight	465.6
Molecular Formula	C ₂₇ H ₃₁ NO ₆
Functional Group 1	Oxhydriyl
Functional Group 2	Pyrene
Functional Group 3	None
Reactive Group 1	Acid
Reactive Group 2	Isocyanate
IUPAC Name	<i>N</i> -[2-[2-[2-[2-(2-Hydroxyethoxy)ethoxy]ethoxy]ethoxy]ethyl]pyrene-1-carboxamide
InChI	InChI=1S/C27H31NO6/c29-11-13-32-15-17-34-19-18-33-16-14-31-12-10-28-27(30)24-9-7-22-5-4-2 0-2-1-3-21-6-8-23(24)26(22)25(20)21/h1-9,29H,10-19H2,(H,28,30)
InChI Key	DESHAVYJGOEYTK-UHFFFAOYSA-N
Canonical SMILES	C1=CC2=C3C(=C1)C=CC4=C(C=CC(=C43)C=C2)C(=O)NCCOCCOCCOCCOCCO
Form	Liquid
Purity	98%
Solubility	DMSO, DMF, DCM
Identity	Confirmed by NMR.
Applications	Pyrene-PEG5-alcohol allows further derivatization or functionalization, enhancing solubility and enabling bioconjugation in aqueous solutions.
Storage	Store at -20°C.

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