
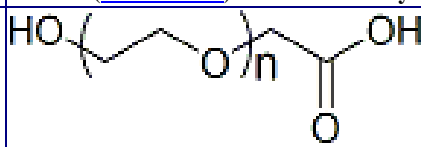
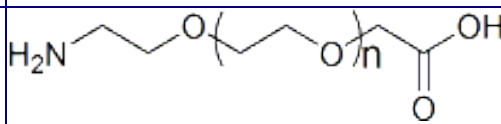


PEG Alcohol (Amine-, Carboxy-PEG -OH)

Products Description

Amine-PEO_n-Hydroxyl compounds contain the functional groups Amine (-NH₂) and Hydroxyl (-OH, Alcohol).
Carboxyl-PEO_n-Hydroxyl compounds contain the functional groups Amine (-NH₂) and Hydroxyl (-OH, Alcohol).
 They allow many chemical reactions to functionalize or modify biomolecules and surface.

Product name cat. number	Cat. number Qty : 1-1g 2-5g	MW (g·mol ⁻¹)	
Amino-PEG_x-Hydroxyl (Lz) Off-white/white solid or viscous liquid depends on molecule weight; Soluble in regular aqueous solution as well as most organic solvents	AWJKZ1	400	
	B36G01	1 000	
	Q74761	2 000	
	FX8381	3 000	
	WU0661	3 400	
	WU0651	5 000	
	WU0671	10 000	
	WU0681	20 000	See also (FT-BW7631) Amino-PEO _x -Hydroxyl (monodisperse PEGs)
Hydroxyl-PEG_x-Carboxylic Acid (Lz) Soluble in regular aqueous solution as well as most organic solvents	B48Z61	400	
	B48Z71	1 000	
	B48Z81	2 000	
	B48Z91	3 400	
	B48ZA1	5 000	
	B48ZB1	10 000	
	B48ZC1	20 000	
Amino-PEG_x-Carboxylic Acid (Lz) Soluble in regular aqueous solution as well as most organic solvents	B36FQ1	400	
	B36FR1	600	
	1A0781	1 000	
	FX8161	2 000	
	WU0571	3 400	
	WU0561	5 000	
	WU0581	10 000	
	WU0591	20 000	AWJKW1-4000Da B48ZD-5000Da, HCl See also (FT-RJ2221) Amino-PEO _x -Carboxyl (monodisperse PEGs)

- Physical Properties:

Appearance: Off white solid or viscous liquid depends on molecule weight;

Solubility: Soluble in regular aqueous solution (H₂O) as well as most organic solvents (DMSO).

- Storage Conditions:

Store at +4°C for long term (L) -20°C even better. Stable at Room Temperature for weeks.

Keep desiccated. Avoid frequent thaw and freezing

- Reaction Procedures:

The amine group can undergo many reactions, including with carboxyls by EDC mediated amidation, with aldehydes, with many esters (Succinimidyl, PFP,...), HalogenoAcetals, See the technical sheet for Amine reactions ^[NT]

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FT-WU0651

● PEG spacer Properties:

The PolyEthylene Glycol spacer (**PEG**, also known as **PEO**: PolyEthylOxy) is a convenient linear and hydrophilic structure used to create a link between biomolecules and supports. It is available in a variety of lengths, providing a flexible spacer, and it is highly hydrophilic. PEG have found great application to create drug delivery systems, hydrophilic gels, special coated surfaces, biocaptors, microscopy slides, microarrays, beads, vaccines, coatings, biomaterials or biocompatible materials such as optical lenses, purification supports,...

Related / associated products and documents

See [BioSciences Innovations catalogue](#) and [e-search tool](#).

Other PEO/PEG reagents, including purified PEGs, synthetic PEG products (PEO3 to PEO36):

- Heterobifunctional crosslinkers: [NHS-PEO-MAL \(AL6581\)](#) (altern.to SMCC 17412A)
- Homobifunctional crosslinkers: [NHS-PEO-NHS \(BH8811\)](#) (altern.to DSS 54940A)
[MAL-PEO-MAL \(L7736A\)](#) (altern.to BMOE L7730A)
- PEO Linkers & modifiers: [Maleimide-PEG-COOH \(AZ4170\)](#) (altern.to BMPA 43064A)
[NHS-PEG-COOH \(AN1280\)](#)
[Maleimide-PEG-Amine \(FK3520\)](#)
[Azide-PEG-COOH \(WU0930\)](#)
- PEG modifiers: [mPEG reagents \(DZ3531\)](#): mPEG-NHS and others mono-fonctionnal (MAL) (-SH, -OH,...)

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

Disclaimer : Materials from Uptima are sold **for research use only**, and are not intended for food, drug, household, or cosmetic use.
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