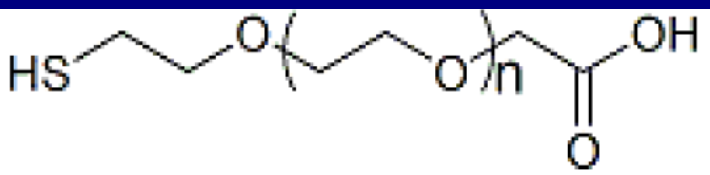
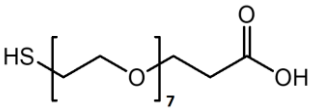
FT-WT9771

Thiol – PEG_x – Carboxy reagents

Heterobifunctional crosslinkers

HeteroBifunctionnal SH- PEG – COOH reagents

Product name synonymes	Cat.number Qty [1-100mg, 2-1g 3-5g]	**MW** ($g \cdot mol^{-1}$)	Structure
Thiol-PEG_x-NH_2 Thiol PEG Carboxyl, HS-PEG-COOH [J] PG2-CATH HE003017 RPW570 – Pack of 2KDa, 3KDa, 5KDa, 10KDa	GV9882 AWKL32 Inquire 7A4052 GV9872 1N9042 GV9892 WU0602 WT9772 LV7912 WU0612 WU0622	200 400 500 600 800 1 000 2 000 3 400 5 000 7 500- 10 000 20 000 30 000 40 000	 Ask also Thiol-PEO_n-Carboxyl (monodisperse) :  (B4CFS1 : PEG7) #8X331B: Thiol-PEO_3-Carboxyl MW: 194.25 CAS : 1379649-73-6 #8X553B: Thiol-PEO_3-Carboxyl MW: 238.30 CAS : 1347750-82-6 #RPX67B: Thiol-PEO_4-Carboxyl MW: 282.35 CAS : 749247-06-1 #8X482B: Thiol-PEO_5-Carboxyl MW: 326.4 CAS : 1449390-67-3 #AWWUTB:Thiol-PEO_6-Carboxyl MW: 370.46 CAS : 1347750-77-9 #B4CFS1: Thiol-PEO_7-Carboxyl MW: 414.51 . #B4CFT1: Thiol-PEO_8-Carboxyl MW: 458.56 CAS :866889-02-3 #B4CFU1: Thiol-PEO_9-Carboxyl MW: 502.63 . #B4CFV1: Thiol-PEO_{10}-Carboxyl MW: 546.68 . #B4CFW1: Thiol-PEO_{12}-Carboxyl MW:634.77 CAS : 1032347-93-5 #B4CSE0 Thiol-PEO_{16}-Carboxyl MW:810.99 #B4CSF0 Thiol-PEO_{20}-Carboxyl MW:987.2 #B4CFX0: Thiol-PEO_{24}-Carboxyl MW:1163.40 . Colorless liquid (PG2) to White Solid or Colorless Liquid (PG7-9) or Viscous Liquid or White Solid (PEG10-24)

Description:
Heterobifunctional PEG derivative that can be used with Amine or Sulfhydryl reactive chemical groups. PEGylation can modify peptides and proteins and other materials, to create conjugates or to increase solubility and stability and reduce immunogenicity. It can also suppress the non-specific binding of charged molecules to the modified surfaces.

Physical Properties:
Off-white/white solid or viscous liquid depending on molecule weight;
Soluble in regular aqueous solution as well as most organic solvents: water, ethanol, chloroform, DMSO, etc

Storage Conditions:
Store at -20°C [J,M]. Keep desiccated. Protect from light. Stable for +12months at -20°C.

Handling and Use:
For best use, material should always be kept in low temperature in dry conditions and under inert gaz for best stability. Prepare fresh solution right before use. Avoid frequent thaw and freezing.

Related products

See or ask for other PEG and PEO reagents
4Arm-PEG-Thiol and 4Arm-PEG-Amine

See BioSciences Innovations catalogue and e-search tool.

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

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