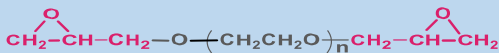

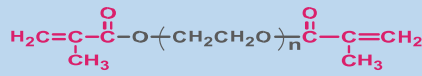
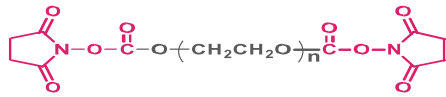
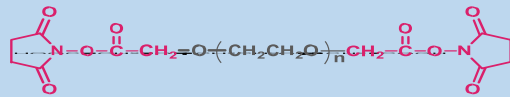
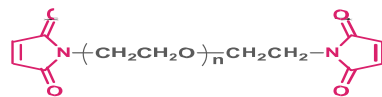


Linear PEG-Homobifunctional

製品名	構造式	略語	CAS	分子量 (Mn)
α,ω-Dihydroxyl poly(ethylene glycol)	$\text{HO}-(\text{CH}_2\text{CH}_2\text{O})_n\text{H}$	HO-PEG-OH	25322-68-3	2,000
				5,000
				10,000
				20,000
				40,000
α,ω-Dicarboxyl poly(ethylene glycol)	$\text{HOOC}-\text{CH}_2-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2-\text{COOH}$	HOOC-PEG-COOH	39927-08-7	2,000
				5,000
				10,000
				20,000
				40,000
α,ω-Diamino poly(ethylene glycol)	$\text{H}_2\text{N}-(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2\text{CH}_2-\text{NH}_2$	H2N-PEG-NH2	24991-53-5	2,000
				5,000
				10,000
				20,000
				40,000
α,ω-Diamino poly(ethylene glycol) hydrochloride salt	$\text{HClH}_2\text{N}-(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2\text{CH}_2-\text{NH}_2\text{HCl}$	HCl H2N-PEG-NH2 HCl		2,000
				5,000
				10,000
				20,000
				40,000
α,ω-Dimercapto poly(ethylene glycol)	$\text{HS}-(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2\text{CH}_2-\text{SH}$	HS-PEG-SH		2,000
				5,000
				10,000
				20,000
				40,000
α,ω-Diformyl poly(ethylene glycol)	$\text{OHC}-(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2\text{CH}_2-\text{CHO}$	OHC-PEG-CHO		2,000
				5,000
				10,000
				20,000
				40,000
α,ω-Diazido poly(ethylene glycol)	$\text{N}_3-(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2\text{CH}_2-\text{N}_3$	N3-PEG-N3	82055-94-5	2,000
				5,000
				10,000
				20,000
				40,000
α,ω-Diisocyanato poly(ethylene glycol)	$\text{OCN}-(\text{CH}_2)_6\text{NH}-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_n\overset{\text{O}}{\parallel}{\text{C}}-\text{NH}-(\text{CH}_2)_6\text{NCO}$	OCN-PEG-NCO		2,000
				5,000
				10,000
				20,000
				40,000
α,ω-Dialkynyl poly(ethylene glycol)	$\text{HC}\equiv\text{C}-\text{CH}_2-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2-\text{C}\equiv\text{CH}$	Alkyne -PEG- Alkyne		2,000
				5,000
				10,000
				20,000
				40,000

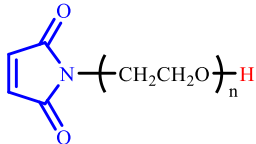
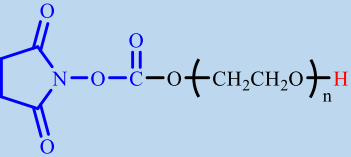


Linear PEG-Homobifunctional

製品名	構造式	略語	CAS	分子量 (Mn)
α,ω-Diglycidyl poly(ethylene glycol)		EO-PEG-EO	72207-80-8	2,000 5,000 10,000 20,000 40,000
α,ω-Diacryloyl poly(ethylene glycol)		AA-PEG-AA	26570-48-9	2,000 3,500 5,000 10,000 20,000 40,000
α,ω-Dimethacryloyl poly(ethylene glycol)		MA-PEG-MA	25852-47-5	2,000 5,000 10,000 20,000 40,000
α,ω-Disuccinimidyl poly(ethylene glycol)		SC-PEG-SC		2,000 5,000 10,000 20,000 40,000
α,ω-Disuccinimidyl carboxymethyl ester poly(ethylene glycol)		SCM-PEG-SCM		2,000 5,000 10,000 20,000 40,000
α,ω-Dimaleimidyl poly(ethylene glycol) (ether)		MAL-PEG-MAL		2,000 5,000 10,000 20,000 40,000

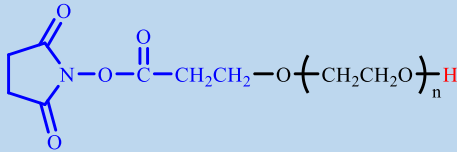
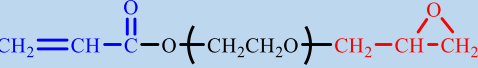
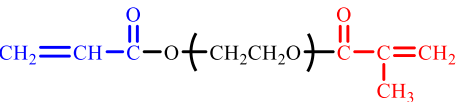
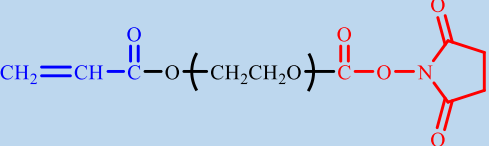


Linear PEG-Heterobifunctional

製品名	構造式	略語	CAS	分子量 (Mn)
α-Acryloyl-ω-hydroxyl poly(ethylene glycol)	$\text{CH}_2=\text{CH}-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n\text{H}$	AA-PEG-OH		2,000
				3,500
				5,000
				10,000
				20,000
α-Methacryloyl-ω-hydroxy poly(ethylene glycol)	$\text{CH}_2=\underset{\text{CH}_3}{\text{C}}-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n\text{H}$	MA-PEG-OH		2,000
				3,500
				5,000
				10,000
				20,000
α-Alkynyl-ω-hydroxyl poly(ethylene glycol)	$\text{HC}\equiv\text{C}-\text{CH}_2-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n\text{H}$	Alkyne-PEG-OH		2,000
				3,500
				5,000
				10,000
				20,000
α-Formyl-ω-hydroxyl poly(ethylene glycol)	$\text{CHO}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n\text{H}$	OHC-PEG-OH		2,000
				3,500
				5,000
				10,000
				20,000
α-Carboxyl-ω-hydroxyl poly(ethylene glycol)	$\text{COOH}-\text{CH}_2-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n\text{H}$	HOOC-PEG-OH		2,000
				3,500
				5,000
				10,000
				20,000
α-Maleimidyl-ω-hydroxyl Poly(ethylene glycol)		MAL-PEG-OH		2,000
				3,500
				5,000
				10,000
				20,000
α-Azido-ω-hydroxyl poly(ethylene glycol)	$\text{N}_3-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n\text{H}$	N3-PEG-OH		2,000
				3,500
				5,000
				10,000
				20,000
α-Amino-ω-hydroxyl poly(ethylene glycol)	$\text{H}_2\text{N}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n\text{H}$	H2N-PEG-OH	32130-27-1	2,000
				3,500
				5,000
				10,000
				20,000
α-Succinimidyl-ω-hydroxyl poly(ethylene glycol)		SC-PEG-OH		2,000
				3,500
				5,000
				10,000
				20,000



Linear PEG-Heterobifunctional

製品名	構造式	略語	CAS	分子量 (Mn)
α-Succinimidyl propionate-ω-hydroxyl poly(ethylene glycol)		SPA-PEG-OH		2,000
				3,500
				5,000
				10,000
				20,000
α-Acryloyl-ω-carboxyl poly(ethylene glycol)	$\text{CH}_2=\text{CH}-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n-\text{CH}_2-\text{COOH}$	AA-PEG-COOH		2,000
				3,500
				5,000
				10,000
				20,000
α-Acryloyl-ω-formyl poly(ethylene glycol)	$\text{CH}_2=\text{CH}-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n-\text{CH}_2\text{CH}_2-\text{CHO}$	AA-PEG-CHO		2,000
				3,500
				5,000
				10,000
				20,000
α-Acryloyl-ω-isocyanato poly(ethylene glycol)	$\text{CH}_2=\text{CH}-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n-\text{CH}_2\text{CH}_2-\text{NCO}$	AA-PEG-NCO		2,000
				3,500
				5,000
				10,000
				20,000
α-Acryloyl-ω-azido poly(ethylene glycol)	$\text{CH}_2=\text{CH}-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n-\text{CH}_2\text{CH}_2-\text{N}_3$	AA-PEG-N3		2,000
				3,500
				5,000
				10,000
				20,000
α-Acryloyl-ω-alkynyl poly(ethylene glycol)	$\text{CH}_2=\text{CH}-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n-\text{CH}_2-\text{C}\equiv\text{CH}$	AA-PEG-Alkyne		2,000
				3,500
				5,000
				10,000
				20,000
α-Acryloyl-ω-glycidyl poly(ethylene glycol)		AA-PEG-EO		2,000
				3,500
				5,000
				10,000
				20,000
α-Acryloyl-ω-methacryloyl poly(ethylene glycol)		AA-PEG-MA		2,000
				3,500
				5,000
				10,000
				20,000
α-Acryloyl-ω-succinimidyl poly(ethylene glycol)		AA-PEG-SC		2,000
				3,500
				5,000
				10,000
				20,000



Linear PEG-Heterobifunctional

製品名	構造式	略語	CAS	分子量 (Mn)
α-Acryloyl-ω-maleimidyl poly(ethylene glycol)	$\text{CH}_2=\text{CH}-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n-\text{CH}_2\text{CH}_2-\text{N} \begin{array}{c} \text{O} \\ \diagup \quad \diagdown \\ \text{C} \quad \text{C} \\ \diagdown \quad \diagup \\ \text{O} \end{array}$	AA-PEG-MA		2,000
				3,500
				5,000
				10,000
				20,000
α-Alkynyl-ω-carboxyl poly(ethylene glycol)	$\text{HC}\equiv\text{C}-\text{CH}_2-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n-\text{CH}_2-\text{COOH}$	Alkyne-PEG-COOH		2,000
				3,500
				5,000
				10,000
				20,000
α-Alkynyl-ω-amino poly(ethylene glycol)	$\text{HC}\equiv\text{C}-\text{CH}_2-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n-\text{CH}_2\text{CH}_2-\text{NH}_2$	Alkyne-PEG-NH2		2,000
				3,500
				5,000
				10,000
				20,000
α-Alkynyl-ω-formyl poly(ethylene glycol)	$\text{HC}\equiv\text{C}-\text{CH}_2-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n-\text{CH}_2\text{CH}_2-\text{CHO}$	Alkyne-PEG-CHO		2,000
				3,500
				5,000
				10,000
				20,000
α-Alkynyl-ω-isocyanato poly(ethylene glycol)	$\text{HC}\equiv\text{C}-\text{CH}_2-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n-\overset{\text{O}}{\parallel}{\text{C}}-\text{N}-\left(\text{CH}_2\right)_6-\text{NCO}$	Alkyne-PEG-NCO		2,000
				3,500
				5,000
				10,000
				20,000
α-Alkynyl-ω-glycidyl poly(ethylene glycol)	$\text{HC}\equiv\text{C}-\text{CH}_2-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n-\text{CH}_2-\text{CH} \begin{array}{c} \diagup \quad \diagdown \\ \text{O} \quad \text{O} \\ \diagdown \quad \diagup \\ \text{CH}_2 \end{array}$	Alkyne-PEG-EO		2,000
				3,500
				5,000
				10,000
				20,000
α-Alkynyl-ω-methacryloyl poly(ethylene glycol)	$\text{HC}\equiv\text{C}-\text{CH}_2-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n-\overset{\text{O}}{\parallel}{\text{C}}-\underset{\text{CH}_3}{\text{C}}=\text{CH}_2$	Alkyne-PEG-MA		2,000
				3,500
				5,000
				10,000
				20,000
α-Alkynyl-ω-succinimidyl poly(ethylene glycol)	$\text{HC}\equiv\text{C}-\text{CH}_2-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\text{N} \begin{array}{c} \text{O} \\ \diagup \quad \diagdown \\ \text{C} \quad \text{C} \\ \diagdown \quad \diagup \\ \text{O} \end{array}$	Alkyne-PEG-SC		2,000
				3,500
				5,000
				10,000
				20,000
α-Alkynyl-ω-maleimidyl poly(ethylene glycol)	$\text{HC}\equiv\text{C}-\text{CH}_2-\text{O}-\left(\text{CH}_2\text{CH}_2\text{O}\right)_n-\text{CH}_2\text{CH}_2-\text{N} \begin{array}{c} \text{O} \\ \diagup \quad \diagdown \\ \text{C} \quad \text{C} \\ \diagdown \quad \diagup \\ \text{O} \end{array}$	Alkyne-PEG-MAL		2,000
				3,500
				5,000
				10,000
				20,000



Linear PEG-Heterobifunctional

製品名	構造式	略語	CAS	分子量 (Mn)
α-Formyl-ω-carboxyl poly(ethylene glycol)	$\text{OHC}-(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2\text{-COOH}$	OHC-PEG-COOH		2,000
				3,500
				5,000
				10,000
				20,000
α-Formyl-ω-azido poly(ethylene glycol)	$\text{OHC}-(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2\text{CH}_2\text{-N}_3$	OHC-PEG-N3		2,000
				3,500
				5,000
				10,000
				20,000
α-Formyl-ω-glycidyl poly(ethylene glycol)	$\text{OHC}-(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2\text{-CH}(\text{O})\text{-CH}_2$	OHC-PEG-EO		2,000
				3,500
				5,000
				10,000
				20,000
α-Formyl-ω-methacryloyl poly(ethylene glycol)	$\text{OHC}-(\text{CH}_2\text{CH}_2\text{O})_n\text{C}(=\text{O})\text{-C}(\text{CH}_3)=\text{CH}_2$	OHC-PEG-MA		2,000
				3,500
				5,000
				10,000
				20,000
α-Formyl-ω-succinimidyl poly(ethylene glycol)	$\text{OHC}-(\text{CH}_2\text{CH}_2\text{O})_n\text{C}(=\text{O})\text{-O-N}(\text{C}_4\text{H}_7\text{O}_2)$	OHC-PEG-SC		2,000
				3,500
				5,000
				10,000
				20,000
α-Carboxyl-ω-amino poly(ethylene glycol)	$\text{HOOC-CH}_2\text{-O}-(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2\text{CH}_2\text{-NH}_2$	HOOC-PEG-NH2		2,000
				3,500
				5,000
				10,000
				20,000
α-Carboxyl-ω-mercapto poly(ethylene glycol)	$\text{HOOC-CH}_2\text{-O}-(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2\text{CH}_2\text{-SH}$	HOOC-PEG-SH		2,000
				3,500
				5,000
				10,000
				20,000
α-Carboxyl-ω-isocyanato poly(ethylene glycol)	$\text{HOOC-CH}_2\text{-O}-(\text{CH}_2\text{CH}_2\text{O})_n\text{CH}_2\text{CH}_2\text{-N}_3$	HOOC-PEG-NCO		2,000
				3,500
				5,000
				10,000
				20,000
α-Carboxyl-ω-azido poly(ethylene glycol)	$\text{HOOC-CH}_2\text{-O}-(\text{CH}_2\text{CH}_2\text{O})_n\text{C}(=\text{O})\text{-NH}(\text{CH}_2)_6\text{NCO}$	HOOC-PEG-N3		2,000
				3,500
				5,000
				10,000
				20,000

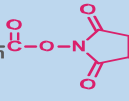
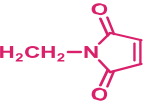





Linear PEG-Heterobifunctional

製品名	構造式	略語	CAS	分子量 (Mn)
α-Carboxyl-ω-glycidyl poly(ethylene glycol)	$\text{HOOC}-\text{CH}_2-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_n-\text{CH}_2-\text{CH}(\text{O})-\text{CH}_2$	HOOC-PEG-EO		2,000
				3,500
				5,000
				10,000
				20,000
α-Carboxyl-ω-methacryloyl poly(ethylene glycol)	$\text{HOOC}-\text{CH}_2-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_n-\text{C}(=\text{O})-\text{C}(\text{CH}_3)=\text{CH}_2$	HOOC-PEG-MA		2,000
				3,500
				5,000
				10,000
				20,000
α-Methacryloyl-ω-amino poly(ethylene glycol)	$\text{H}_2\text{C}=\text{C}(\text{CH}_3)-\text{C}(=\text{O})-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_n-\text{CH}_2\text{CH}_2-\text{NH}_2$	MA-PEG-NH2		2,000
				3,500
				5,000
				10,000
				20,000
α-Methacryloyl-ω-isocyanato poly(ethylene glycol)	$\text{H}_2\text{C}=\text{C}(\text{CH}_3)-\text{C}(=\text{O})-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_n-\text{C}(=\text{O})-\text{NH}-(\text{CH}_2)_6-\text{NCO}$	MA-PEG-NCO		2,000
				3,500
				5,000
				10,000
				20,000
α-Methacryloyl-ω-azido poly(ethylene glycol)	$\text{H}_2\text{C}=\text{C}(\text{CH}_3)-\text{C}(=\text{O})-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_n-\text{CH}_2\text{CH}_2-\text{N}_3$	MA-PEG-N3		2,000
				3,500
				5,000
				10,000
				20,000
α-Methacryloyl-ω-glycidyl poly(ethylene glycol)	$\text{H}_2\text{C}=\text{C}(\text{CH}_3)-\text{C}(=\text{O})-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_n-\text{CH}_2-\text{CH}(\text{O})-\text{CH}_2$	MA-PEG-EO		2,000
				3,500
				5,000
				10,000
				20,000
α-Methacryloyl-ω-succinimidyl poly(ethylene glycol)	$\text{H}_2\text{C}=\text{C}(\text{CH}_3)-\text{C}(=\text{O})-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_n-\text{C}(=\text{O})-\text{O}-\text{N}(\text{succinimide})$	MA-PEG-SC		2,000
				3,500
				5,000
				10,000
				20,000
α-Methacryloyl-ω-maleimidyl poly(ethylene glycol)	$\text{H}_2\text{C}=\text{C}(\text{CH}_3)-\text{C}(=\text{O})-\text{O}-(\text{CH}_2\text{CH}_2\text{O})_n-\text{CH}_2\text{CH}_2-\text{N}(\text{maleimide})$	MA-PEG-MAL		2,000
				3,500
				5,000
				10,000
				20,000
α-Maleimidyl-ω-isocyanato poly(ethylene glycol)	$\text{N}(\text{maleimide})-(\text{CH}_2\text{CH}_2\text{O})_n-\text{CH}_2\text{CH}_2-\text{O}-\text{C}(=\text{O})-\text{NH}-(\text{CH}_2)_6-\text{NCO}$	MAL-PEG-NCO		2,000
				3,500
				5,000
				10,000
				20,000



Linear PEG-Heterobifunctional

製品名	構造式	略語	CAS	分子量 (Mn)
α-Azido-ω-amino poly(ethylene glycol)	$N_3-(CH_2CH_2O)_n-CH_2CH_2-NH_2$	N3-PEG-NH2		2,000
				3,500
				5,000
				10,000
				20,000
α-Azido-ω-mercapto poly(ethylene glycol)	$N_3-(CH_2CH_2O)_n-CH_2CH_2-SH$	N3-PEG-SH		2,000
				3,500
				5,000
				10,000
				20,000
α-Azido-ω-succinimidyl poly(ethylene glycol)	$N_3-(CH_2CH_2O)_n-C(=O)-O-N$ 	N3-PEG-SC		2,000
				3,500
				5,000
				10,000
				20,000
α-Azido-ω-maleimidyl poly(ethylene glycol)	$N_3-(CH_2CH_2O)_n-CH_2CH_2-N$ 	N3-PEG-MAL		2,000
				3,500
				5,000
				10,000
				20,000
α-Amino-ω-mercapto poly(ethylene glycol)	$NH_2-(CH_2CH_2O)_n-CH_2CH_2-SH$	H2N-PEG-SH		2,000
				3,500
				5,000
				10,000
				20,000
α-Succinimidyl-ω-maleimidyl poly(ethylene glycol)	 -O-C(=O)-O-(CH ₂ CH ₂ O) _n -CH ₂ CH ₂ -N 	SC-PEG-MAL		2,000
				3,500
				5,000
				10,000
				20,000
α-Maleimidyl-ω-amino Poly(ethylene glycol)	 -(CH ₂ CH ₂ O) _n -CH ₂ CH ₂ -NH ₂	MAL-PEG-NH2		2,000
				3,500
				5,000
				10,000
				20,000

