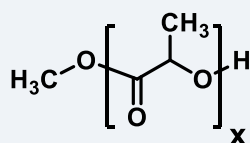


Polymers

Name(s): Poly(D,L-lactide)



Methylester terminated

CH-014

CAS: 26023-30-3

100 % Poly(D,L-lactide)

M_w: 50KDa-70KDa

Packing Size:



Subcategory: polymer, homopolymer, biodegradable polymer, biocompatible polymer, biomedical polymers

Properties: M_w: 50KDa-70KDa, D ≈ 1.2, without Tin (Sn⁺⁺), methylester terminated, 100 % poly(D,L-Lactide)

Applications: drug delivery, electrospun fibers, polymeric nanocapsules, bioabsorbable medical devices

References: 1) Macromolecules, **2011**, 44, 2589. 2) Sci. Rep. **2022**, 12, 2333. 3) Nat. Commun. **2022**, 13, 2873.

Name(s): Poly(D,L-lactide-co-ε-caprolactone) with D,L-Lactide 90 % mol

Packing Size:

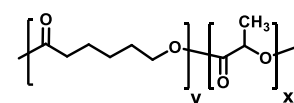


Subcategory: polymer, copolymer, biodegradable polymer, biocompatible polymer, biomedical polymers

Properties: M_w: 90KDa-120KDa, D ≈ 2, without Tin (Sn⁺⁺), D,L-Lactide 90 % mol, random distribution, non-crystalline

Applications: drug delivery, electrospun fibers, polymeric nanocapsules, bioabsorbable medical devices, polymeric support for cell culture, polymer coating

References: 1) J. Mater. Chem. B, **2018**, 6, 1226. 2) ACS Appl. Mater. Interfaces. **2020**, 12, 7915. 3) Macromolecules **2022**, 55, 1709.



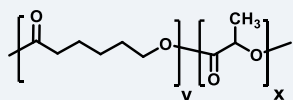
CH-015

CAS: 70524-20-8

D,L-lactide 90 % mol

M_w: 90KDa-120KDa

Name(s): Poly(D,L-lactide-co-ε-caprolactone) with D,L-Lactide 85 % mol



CH-016

CAS: 70524-20-8

D,L-lactide 85 % mol

M_w: 60KDa-100KDa

Packing Size:



Subcategory: polymer, copolymer, biodegradable polymer, biocompatible polymer, biomedical polymer

Properties: M_w: 60KDa-100KDa, D ≈ 2, without Tin (Sn⁺⁺), D,L-lactide 85 % mol, random distribution, non-crystalline

Applications: drug delivery, electrospun fibers, polymeric nanocapsules, bioabsorbable medical devices, polymeric support for cell culture, polymer coating

References: 1) J. Mater. Chem. B, **2018**, 6, 1226. 2) ACS Appl. Mater. Interfaces. **2020**, 12, 7915. 3) Macromolecules **2022**, 55, 1709

Name(s): Poly(D,L-lactide-co-ε-caprolactone) with D,L-Lactide 60 % mol

Packing Size:

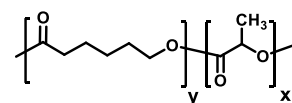


Subcategory: polymer, copolymer, biodegradable polymer, biocompatible polymer, biomedical polymers

Properties: M_w: 60KDa-100KDa, D ≈ 2, without Tin (Sn⁺⁺), D,L-Lactide 60 % mol, random distribution, non-crystalline

Applications: drug delivery, electrospun fibers, polymeric nanocapsules, bioabsorbable medical devices, polymeric support for cell culture, polymer coating

References: 1) J. Mater. Chem. B, **2018**, 6, 1226. 2) ACS Appl. Mater. Interfaces. **2020**, 12, 7915. 3) Macromolecules **2022**, 55, 1709.



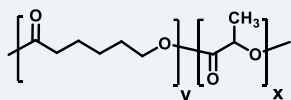
CH-017

CAS: 70524-20-8

D,L-lactide 60 % mol

M_w: 60KDa-100KDa

Name(s): Poly(D,L-lactide-co-ε-caprolactone) with D,L-Lactide 50 % mol



CH-018

CAS: 70524-20-8

D,L-lactide 50 % mol

M_w: 60KDa-100KDa

Packing Size:



Subcategory: polymer, copolymer, biodegradable polymer, biocompatible polymer, biomedical polymer

Properties: M_w: 60KDa-100KDa, D ≈ 2, without Tin (Sn⁺⁺), D,L-lactide 50 % mol, random distribution, non-crystalline

Applications: drug delivery, electrospun fibers, polymeric nanocapsules, bioabsorbable medical devices, polymeric support for cell culture, polymer coating

References: 1) J. Mater. Chem. B, **2018**, 6, 1226. 2) ACS Appl. Mater. Interfaces. **2020**, 12, 7915. 3) Macromolecules **2022**, 55, 1709

Name(s): Poly(D,L-lactide-co-ε-caprolactone) with D,L-Lactide 40 % mol

Packing Size:

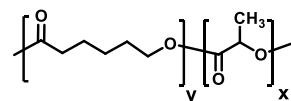


Subcategory: polymer, copolymer, biodegradable polymer, biocompatible polymer, biomedical polymers

Properties: M_w: 60KDa-100KDa, D ≈ 2, without Tin (Sn⁺⁺), D,L-Lactide 40 % mol, random distribution, non-crystalline

Applications: drug delivery, electrospun fibers, polymeric nanocapsules, bioabsorbable medical devices, polymeric support for cell culture, polymer coating

References: 1) J. Mater. Chem. B, **2018**, 6, 1226. 2) ACS Appl. Mater. Interfaces. **2020**, 12, 7915. 3) Macromolecules **2022**, 55, 1709.



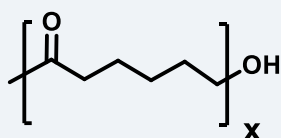
CH-019

CAS: 70524-20-8

D,L-lactide 40 % mol

M_w: 60KDa-100KDa

Name(s): Poly(ϵ -caprolactone)



CH-020

CAS: 24980-41-4

M_w : 90KDa-200KDa

Packing Size:



Subcategory: polymer, homopolymer, biodegradable polymer, biocompatible polymer, biomedical polymer

Properties: M_w : 90KDa-200KDa, $D \approx 2$, without Tin (Sn^{++}), non-crystalline

Applications: drug delivery, electrospun fibers, polymeric nanocapsules, bioabsorbable medical devices, polymeric support for cell culture, polymer coating

References: 1) Chem. Soc. Rev. **2009**, 38, 3484 .

Name(s): Poly(ϵ -caprolactone)-block-poly(ethylene glycol)-block-poly(ϵ -caprolactone)

Packing Size:

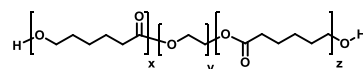


Subcategory: polymer, block-copolymer, biodegradable polymer, biocompatible polymer, biomedical polymers

Properties: PEG M_w : 8000 Da, total M_w : 20KDa, non-crystalline

Applications: drug delivery, electrospun fibers, polymeric nanocapsules, drug carrier

References: 1) Biomaterials, **2011**, 32, 879.



CH-021

PEG M_w : 8KDa

Total M_w : $\approx$ 20KDa

If you wish, you can contact us so that
we can inform you about any of these areas.

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