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## Nomisma

## NOMISMA HEALTHCARE

## Polymers for Advance drug delivery

## About us

The Company
Nomisma Healthcare is a comprehensive, integrated manufacturing firm and consultancy, based in Nomisma Healthcare, Our top management consists of highly experienced and qualified polymer scientist having years of specialized synthesis experience in different sectors.
Founded in the year 2016, our company has provided Bio-Polymers to a growing list of highly satisfied company, a majority of whom are market leaders in formulations developments. Our success as a business partner was recognized in -- identify special achievement or recognition.
We take special pride in our skills of providing viable and successful marketing strategies and analysis to clients. In addition, our handling of promotional activities at special events and exhibitions are well known for efficiency and efficacy.

| PRODUCT ID | NAME | $\begin{aligned} & \text { PRICE } \\ & (\mathrm{USD}) / \mathrm{Kg} \end{aligned}$ | Ratio and End group |
| :---: | :---: | :---: | :---: |
| PLLA | Poly-L Lactic Acid | 1000 | 100:00,-COOH |
| PDLA | Poly-D Lactic acid | 1715 | 00:100, - COOH |
| PDLLA | Poly DL lactic Acid | 1715 | 50:50,70:30,30:70, - COOH |
| PLLA-Ester | Poly-L Lactide Ester | 2140 | 100:00, Ethyl and lauryl Ester |
| PDLA-Ester | Poly-D Lactide Ester | 2150 | 00:100 Ethyl and lauryl Ester |
| PDLLA-Ester | Poly-DL Lactide Ester | 2150 | 50:50,70:30,30:70,Ethyl and lauryl Ester |
| PLLGA | Poly-L-lactic acid co glycolic acid | 2150-2575 | 75:25,50:50,85:25,55:45,--COOH |
| PDLLGA | Poly-DL-lactic acid co glycolic acid | 2150-2575 | 75:25,50:50,85:25,55:45,--COOH |
| PDLGA | Poly-D-lactic acid co glycolic acid | 2150-2575 | 75:25,50:50,85:25,55:45,--COOH |
| PGA | Poly Glycolic Acid | 1290 | - COOH |
| *****Viscocity range is $0.2-2.5 \mathrm{dL} / \mathrm{g}$ (Molecular weight 15 kD to 250 kD ) |  |  |  |

Table 1.PLA/PLGA-based drug products that are available in the U.S.

| Drug Product | Active Ingredient | Dosage Form, Route of Administration | Strength, | Approval Date(s), Indication(s) | Characteristics of PLA/PLGA (described in product labeling) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Vvitrol | Naltrexone | Microsphere, Intramuscular | 380 mg every 4 -weeks | 1984, Indicated for the treatment of alcohol dependence | PLGA, UG: 75/25 |
| Zoladex | Goserelin acetate | Implant, Subcutaneous | 3.6 mg or 10.8 mg every 28 days | 1989 ( 3.6 mg ), 1996 ( 10.8 mg ), Indicated for use in combination with flutamide for the management of locally confined Stage T2b-T4 carcinoma of the prostate | PLGA ( $13.3-14.3 \mathrm{mg} /$ dose) No characterization information |
| Lupron Depot | Leuprolide acetate | Microsphere, Intramuscular | 7.5 mg , every month 22.5 mg , every 3-months 30 mg , every 4 -months 45 mg , every 6 -months | 1989, Indicated for palliative treatment of advanced prostatic cancer | 7.5 mg : PLGA ( $66.2 \mathrm{mg} /$ dose) <br> 22.5 mg : PLA ( $198.6 \mathrm{mg} /$ dose) <br> 30 mg : PLA ( $264.8 \mathrm{mg} /$ dose) <br> $45 \mathrm{mg}:$ PLA ( $169.9 \mathrm{mg} /$ dose) <br> No characterization information |
| Lupron Depot-PED | Leuprolide acetate | Microsphere, Intramuscular | $7.5 \mathrm{mg}, 11.25 \mathrm{mg}$, or 15 mg every month 11.25 mg or 30 mg every 3-months | 1993, Indicated for the treatment of children with central precocious puberty (CPP) | $7.5 \mathrm{mg}, 11.25 \mathrm{mg}$, and 15 mg : PLGA <br> ( $66.2 / 99.3 / 132.4 \mathrm{mg} /$ dose) <br> 11.25 mg and 30 mg : PLA ( $99.3 / 264.8 \mathrm{mg} /$ dose) <br> No characterization information |
| Lupron | Leuprolide acetate | Microsphere, Intramuscular | 3.75 mg , every month | 1995, Indicated for management of endometriosis | PLGA (33.1 mg/dose) <br> No characterization information |
| Sandostatin LAR | Octreotide | Microsphere, Subcutaneous | 10 mg , 20 mg , or 30 mg every4-weeks | 1998, Indicated for acromegaly, severe diarrhea/flushing episodes associated with metastatic carcinoid tumors, profuse watery diarthea associated with VIP-secreting tumors | $10 \mathrm{mg}, 20 \mathrm{mg}$, and 30 mg : glucose star polymer, PLGA ( $188.8 / 377.6 / 566.4 \mathrm{mg} /$ dose $)$ |
| Atridox | Doxycydine hyclate | In situ forming gel Periodontal | 50 mg | 1998, Indicated for the treatment of chronic adult periodontitis for a gain in clinical attachment, reduction in probing depth, and reduction in bleeding on probing | PLA (36.7\%/dose) No characterization data |
| Trelstar | Triptorelin pamoate | Microsphere, Intramuscular | 3.75 mg every 4 -weeks <br> 11.25 mg every 12 -weeks <br> 22.5 mg every 24 weeks | $2000(3.75 \mathrm{mg}), 2001(11.25 \mathrm{mg}), 2010$ ( 22.5 mg ), Indicated for the palliative treatment of advanced prostate cancer | $3.75 \mathrm{mg}, 11.25 \mathrm{mg}$, and 22.5 mg : PLGA ( $136 / 118 / 182 \mathrm{mg} /$ dose) <br> No characterization information |
| Arestin | Minocydine HCl | Microsphere, Periodontal | 1 mg , variable dosing frequency | 2001, Indicated as an adjunct to scaling and root planning procedures in patients with adult periodontitis | PLGA <br> No characterization information |
| Eligard | Leuprolide acetate | In situ forming gel, Subcutaneous | 7.5 mg every month 22.5 mg every 3 -months 30 mg every 4 -months 45 mg every 6 -months | 2002 ( 7.5 mg and 22.5 mg ), 2003 ( 30 mg ), and 2004 ( 45 mg ), Indicated for the palliative treatment of advanced prostate cancer | 7.5 mg : PLGA ( $82.5 \mathrm{mg} /$ dose), carboxyl endgroups, LG: 50/50 <br> 22.5 mg and 30 mg : PLGA ( $158.6 / 211.5 \mathrm{mg} /$ dose), copolymer with hexanediol, L/G: 75/25 45 mg : PLGA ( $165 \mathrm{mg} /$ dose), copolymer with hexanediol, LG: 85/15 |
| Risperdal Consta | Risperidone | Microsphere, Intramuscular | $12.5 \mathrm{mg}, 25 \mathrm{mg}, 37.5 \mathrm{mg}$, or 50 mg every 2 -weeks | 2003, Indicated for the treatment of schizophrenia and bipolar I disorder | $12.5 \mathrm{mg}, 25 \mathrm{mg}, 37,5 \mathrm{mg}$, and 50 mg : PLGA, LG: 72/25 |
| Ozurdex | Dexamethasone | Microsphere, Subcutaneous | 0.7 mg , variable dosing frequency | 2009, Indicated for the treatment of macular edema, non-infectious uveitis, and diabetic macular edema | PLGA <br> No characterization information |
| Bydureon | Exenatide | Microsphere; Tablet | 2 mg , every 7-days | 2012, Indicated as an adjunct to diet and exercise to improve glycemic control in adults with type 2 diabetes | PLGA ( $37.2 \mathrm{mg} /$ dose), LVG: $50 / 50$ |
| Lupaneta Pack | Leuprolide acetate; Norethindrone acetate | Intramuscular; Oral | 3.75 mg every month; 5 mg daily | 2012, Indicated for initial management of the painful symptoms of endometriosis and management of recurrence of symptoms | DL-lactic and glycolic acids copolymer (33.1 mg ), no characterization data |
| Signifor LAR | Pasireotide parnoate | Microsphere, Intramuscular | $20 \mathrm{mg}, 40 \mathrm{mg}$, or 60 mg every 28 -days | 2014, Indicated for the treatment of patients with acromegaly | $20 \mathrm{mg}, 40 \mathrm{mg}$, and 60 mg : a mixture of two PLGAs per dose <br> PLGAI ( $26.29 / 52.58 / 78.87 \mathrm{mg} /$ dose), L G: 50-60/40-50 <br> PLGA Il ( $26.29 / 52.58 / 78.87 \mathrm{mg} /$ dose), UG: 50/50 |

Our Assets

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