Triptorelin

Triptorelin (also known as Zoladex, Zevenar, and Zevenon) is a synthetic analogue of luteinizing hormone releasing hormone (LHRH) that is used primarily for the treatment of prostate cancer. It is a long-acting analog of the natural hormone releasing hormone which is used to treat hormone-sensitive prostate cancer. The hormone analog switches off the production of testosterone and estrogen in the body. This decreases the growth of the cancer. Triptorelin is available as a powder for injection. It is not currently being used in the United States, but is being used in Europe and other parts of the world.

Triptorelin is a long-acting analog of the natural hormone releasing hormone which is used to treat hormone-sensitive prostate cancer. It is a synthetic analogue of luteinizing hormone releasing hormone (LHRH). It is used in the treatment of prostate cancer, but is not currently being used in the United States. It is available as a powder for injection.

Residual DNA Reference Standards

USP continues to develop new Reference Standards for residual DNA. These standards are important for validating qPCR methods which are used to test for the presence of residual DNA in biopharmaceuticals.

Triptorelin Reference Standards

USP has developed Triptorelin Reference Standards which are associated with USP General Chapter <509> Residual DNA Testing. These standards are available to laboratories for validation of qPCR methods.

China Peptide workshop: April 2018

The China Peptide workshop was held in April 2018. It was attended by over 200 participants from academia, regulatory agencies, and industry. The workshop focused on the development and quality control of therapeutic peptides.

CASSS

CASSS is an organization that brings together the world’s leading researchers and practitioners in the field of advanced therapies. CASSS provides a platform for collaboration, knowledge sharing, and the development of best practices in the field.

USP/IFPMA Roundtable on Performance Standards Development

In May 2018, USP and IFPMA co-hosted a roundtable on the development of performance standards for biopharmaceuticals. The roundtable was attended by representatives from eight major pharmaceutical manufacturers and associations.

Biotherapeutics in South Korea

USP has been focusing on biotherapeutics in South Korea. In 2015, USP met with the Korean regulatory agency- the Ministry of Food and Drug Safety (MFDS), Korea Drug Development Institute (KhIDI) as well as local biologics manufacturers to explore potential collaborative opportunities to support stakeholders in the area.

Future

USP expects to release these new Reference Standards for the first time at the 2018 Global Bio Conference.

Available Reference Standards

USP has developed new Reference Standards for residual DNA which are validated with qPCR methods. These standards are available to laboratories for validation of qPCR methods which are used to test for the presence of residual DNA in biopharmaceuticals.

Triptorelin Related Compound B (catalog #1696128); and,

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