

Basic Licensing Agreement Signed on Domestic Marketing and Joint Development of Quinolone Antibiotic T-3811

Toyama Chemical Co., Ltd. (“Toyama”; headquarters: Tokyo; president and CEO: Katsuhiko Nakano) and Astellas Pharma Inc. (“Astellas”; headquarters: Tokyo; President and CEO: Toichi Takenaka) today announced that they have concluded a basic licensing agreement for the marketing and joint development in Japan of oral formulations of the new-type quinolone antibiotic T-3811 (generic name: garenoxacin) discovered by Toyama. This licensing agreement is based on the letter of intent signed on January 26, 2006.

Key agreements

- 1) Toyama will manufacture the products and supply them to Astellas through Taisho Toyama Pharmaceutical Co., Ltd. (“Taisho Toyama”; headquarters: Tokyo; President: Akira Uehara).
- 2) Taisho Toyama and Astellas will co-promote the products under the same brand name. Sales and distribution will be handled by Astellas.
- 3) Toyama will receive an upfront payment upon the basic license agreement being concluded and filing, approval and sales milestone payments from Astellas.
- 4) Astellas will join development programs to obtain additional indications for oral formulations of T-3811 in Japan.

Profile of T-3811

- Different from conventional quinolone antibiotics, T-3811 (garenoxacin) is a new type of quinolone with no fluorine atom at position 6 of the quinolone skeleton.
- It has a wide antibacterial spectrum and is also effective against PRSP (penicillin-resistant *Streptococcus pneumoniae*) and MRSA (methicillin-resistant *Staphylococcus aureus*), which have been reported to present major medical problems in recent years due to their resistance to conventional drugs.
- It shows good oral absorption and tissues distribution, which make administered orally once a day.

Development status of T-3811

- In Japan, Toyama and Taisho Pharmaceutical Co., Ltd. (“Taisho”; headquarters: Tokyo; President: Akira Uehara) has co-developed T-3811 for the treatment for respiratory infections and otolaryngologic infections. An application is being prepared for these indications in Japan.
- Toyama has granted to Schering-Plough Corporation exclusive rights to develop, use and sell T-3811 worldwide, excluding Japan, Korea and China. A new drug application (NDA) has been accepted

for review in February this year by the US Food and Drug Administration (FDA). In Europe, a marketing authorization application (MAA) will be filed with the European Medicines Agency (EMA) by the end of this year.

Toyama and Taisho have agreed that Taisho Toyama markets T-3811 in Japan. Based on the basic licensing agreement signed between Toyama and Astellas, Toyama, Astellas, Taisho and Taisho Toyama will cooperate to maximize the product value of T-3811 in Japan.

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