

For Immediate Release

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Positive top line results from Phase III study (MARVEL) of anti-influenza virus agent 'CS-8958'

TOKYO, Japan (August 10, 2009) - Daiichi Sankyo Company, Limited announced today the top line results from a Phase III study of the anti-influenza virus agent 'CS-8958' (generic name; laninamivir).

This study, named MARVEL (Multinational Aasian Clinical Research for Influenza Virus Extermination on Long-Acting Neuraminidase-Inhibitor study), was performed as a randomized, double-blind, and active-controlled study in order to confirm the efficacy and safety of CS-8958 administered as a single inhaled dose of 20 or 40 mg compared to oseltamivir phosphate 75 mg (Tamiflu capsule) orally administered twice daily for 5 days (total of 10 times) in adult patients with influenza A or B virus infection. According to the results, non-inferiority to oseltamivir phosphate was confirmed in both the 20 mg group and 40 mg group of CS-8958 in terms of the primary endpoint, which was the time to alleviation of influenza illness. In the comparison between the dose groups of CS-8958, 40 mg group was superior to 20 mg group in efficacy. Both 20 mg and 40 mg of CS-8958 were well tolerated.

In addition, Daiichi Sankyo conducted a randomized, double-blind, active-controlled Phase II/III study for pediatric use in parallel with MARVEL study, and the efficacy and safety of CS-8958 administered as a single inhaled dose of 20 or 40 mg was compared to oseltamivir phosphate (Tamiflu for oral suspension) as well. According to the results, both the 20 mg group and 40 mg group of CS-8958 were better than oseltamivir phosphate group in efficacy. Both 20 mg and 40 mg of CS-8958 were well tolerated in pediatric patients.

Daiichi Sankyo is now preparing to file its NDA for a treatment indication in fiscal year 2009. Furthermore, Daiichi Sankyo is also preparing to start a clinical study for a prophylaxis indication in autumn of 2009.

About CS-8958

CS-8958 (generic name; laninamivir) is an anti-influenza virus agent, originated by Daiichi Sankyo Co.,Ltd., and is expected to be effective after a single dose due to its long action as a neuraminidase inhibitor. After inhalation, CS-8958 is retained for a long time in the target organ. Non-clinical studies conducted so far have shown that this agent was effective not only against seasonal influenza, but also against new type influenza (swine A/H1N1) *in-vitro* and *in-vivo* (Y. Itoh, et al, Nature, 2009). Additionally, CS-8958 shows efficacy against H5N1 avian influenza virus in non-clinical tests.

About phase III study in adult patients

MARVEL study (Multinational Aasian Clinical Research for Influenza Virus Extermination on Long Acting Neuraminidase Inhibitor)

Study design	A randomized, double-blind, active-controlled, multi-center study to confirm the efficacy and safety of CS-8958 20 mg and 40 mg compared to oseltamivir phosphate in approximately 1,000 adult (age ≥ 20 yr) patients with influenza A or B virus infection. It was conducted as a multinational study in Japan, Taiwan, Hong Kong, and Korea.
Efficacy	To confirm the non-inferiority of CS-8958 to oseltamivir phosphate in terms of the primary endpoint, which was the time to alleviation of influenza illness
Safety	To make between-group comparisons with regard to incidence of adverse events and other safety measures
Secondary objective	To evaluate the optimum dosage of CS-8958 based on the efficacy and safety of single inhaled doses of 20 mg and 40 mg

About phase II/III study in pediatric patients

Study design	A randomized, double-blind, active-controlled, multi-center study for the evaluation of efficacy and safety of CS-8958 20 mg and 40 mg compared to oral formulation of oseltamivir phosphate 2 mg/kg (Tamiflu [®] for oral suspension) administered twice daily for 5 days in approximately 180 pediatric (age ≤ 9 yr) patients with influenza A or B virus infection
Efficacy	To evaluate by the primary endpoint, which was the time to alleviation of influenza illness
Safety	To make between-group comparisons with regard to incidence of adverse events and other safety measures
Secondary objective	To evaluate the optimum dosage of CS-8958 based on the efficacy and safety of single inhaled doses of 20 mg and 40 mg.