



上海源叶生物科技有限公司
Shanghai yuanye Bio-Technology Co., Ltd
电话: 021-61312973 传真: 021-55068248
网址: www.shyuanye.com
邮箱: shyysw@sina.com

产品名称: I2906

产品别名: I2906

生物活性:	
Description	I2906 showed antimycobacterial and cytotoxic activity against mycobacterium tuberculosis. IC50 Value: Target: Antibacterial Under in vitro conditions, I2906 showed excellent antimycobacterial activities and low cytotoxicity. In a murine model infected with M. tuberculosis H37Rv, the reductions on bacterial loads of both lungs and spleen were statistically significant ($p < 0.05$) between I2906-treated mice and untreated controls after 4 weeks. Further, the colony-forming unit counts in the lungs were dramatically lower ($p < 0.05$) than that of isoniazid-treated mice by the addition of I2906 after 8 weeks. Moreover, survival rate was increased by I2906 treatment. For multidrug-resistant strain infection, bacterial counts were reduced significantly in the lungs and spleen due to I2906 treatment in comparison with data from untreated controls ($p < 0.05$).
Solvent&Solubility	In Vivo: 1.I2906 is suspended in 0.5% sodium carboxymethyl cellulose(CMCNa). The suspension is prepared weekly and stored at 4°C[1].
References	[1]. Lu, Jingning; Yue, Jun; Wu, Jing et al. In vitro and in vivo Activities of a New Lead Compound I2906 against Mycobacterium tuberculosis. Pharmacology (2010), 85(6), 365-371.

源叶生物