

INNOVATIVE SKIN WHITENING ACTIVE INGREDIENT

肌肤美白创新活性成分

New skin whitener

全新肌肤增白剂

Patent WO2016139501

专利 WO2016139501

Zero hydroquinone released

氢醌零释放

SBM-TFC-1067

Human tyrosinase inhibitor IC50=0.035mM

人体酪氨酸酶抑制剂半数抑制浓度 (IC50)=0.035 毫摩尔/升

High flux capacity to the site of action

对作用部位具有高渗透性

Antioxidant properties Free radical scavenger

抗氧化性能自由基清除剂



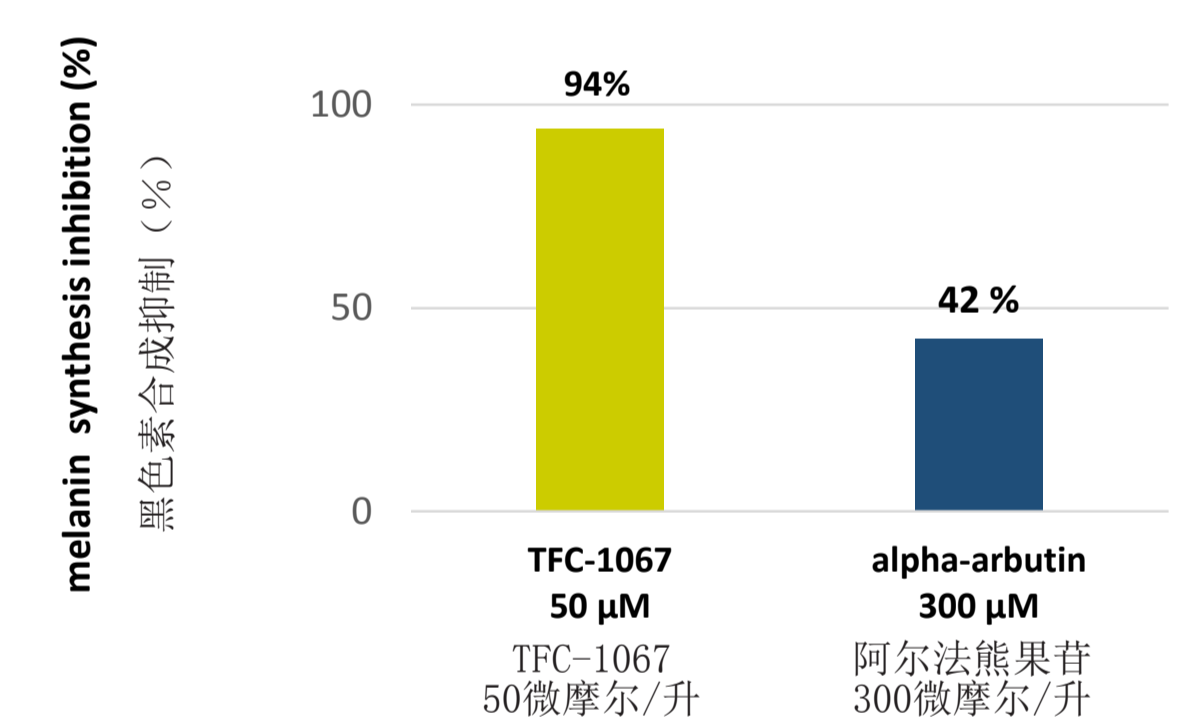
SBM-TFC-1067 : A new and efficient skin whitener

新型高效肌肤增白剂

In vitro Efficacy on melanocytes

对黑素细胞的体外功效

Melanin synthesis inhibition for 10 days on human melanocytes
在人体黑素细胞上进行10天的黑色素合成抑制



In vitro Efficacy on skin explants

对皮肤外植体的体外功效

On MelanoDerm skin explants after 14 days, topical application of SBM-TFC-1067 0.05% on day 2, 4, 5, 7, 9, 11 and 12

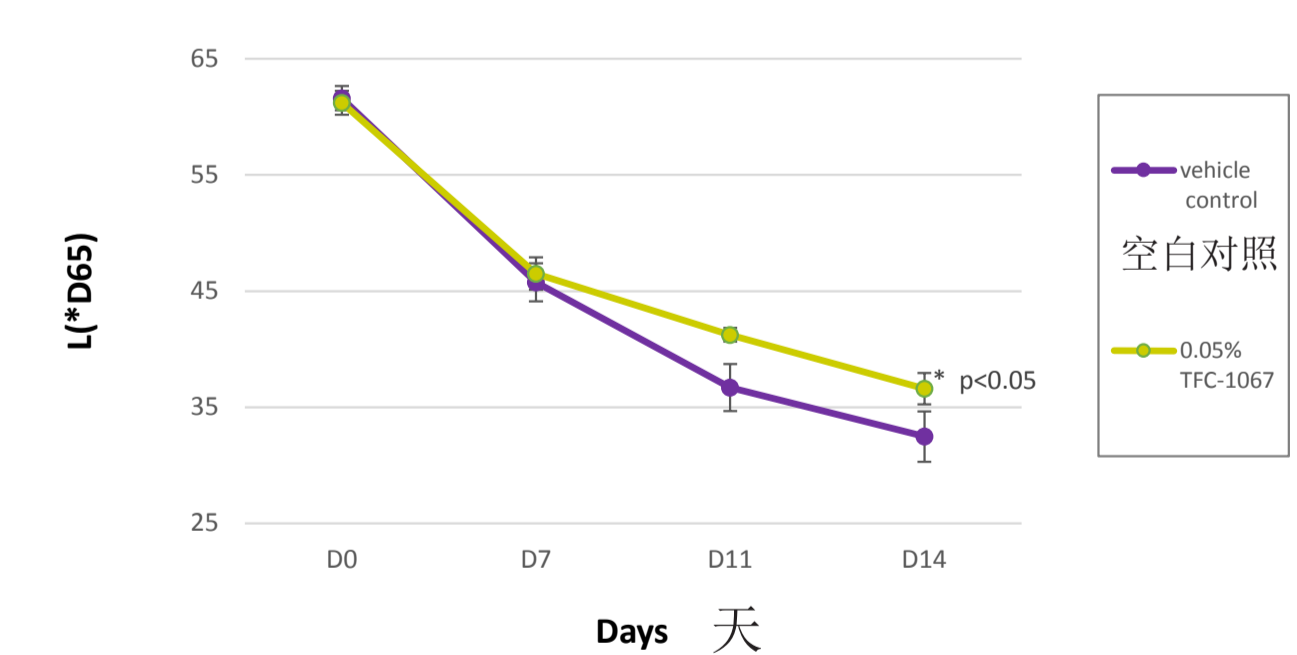
在黑人皮肤外植体上试用14天后，在第2天、第4天、第5天、第7天、第9天、第11天和第12天分别局部施用 0.05%浓度的 SBM-TFC-1067

- decreases melanin content by 9.22 µg
黑色素含量减少了9.22微克
- significantly increases the brightness
亮白度显著增长

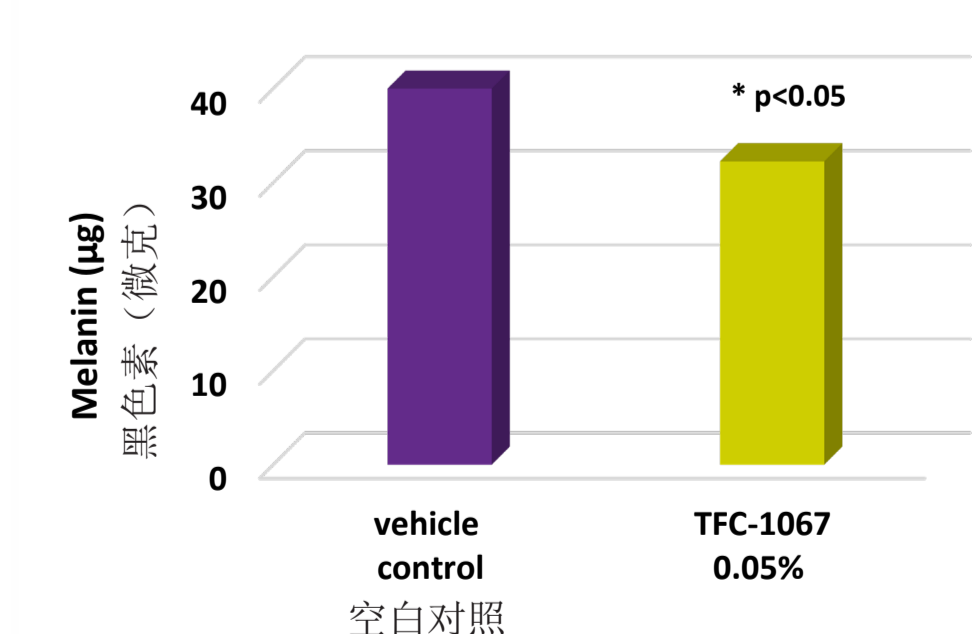
At this dose, the histological evaluation showed no sign of toxicity after 14 days treatment.

在该用量下，组织学评估显示治疗14天后没有毒性迹象。

Measure of brightness in tissues for 14 days
在组织中试用14天后的亮白度指标



Quantification of Melanin at Day 14
在第14天对黑色素进行定量



The in vitro safety of SBM-TFC-1067 has been evaluated as genotoxicity, acute toxicity, phototoxicity, ocular irritation, skin irritation and sensitization (data available, not shown).

已在遗传毒性、急性毒性、光毒性、眼睛刺激性、皮肤刺激性和致敏性方面对SBM-TFC-1067的体外安全性进行评估（可用数据，未显示）。

