```
sq_not_iff_sq  THM

⊢  ↓(¬P) ⟺ ¬P  by Auto
|
|\
| 1. P : Prop
| 2. ↓(¬P)
| ⊢  ¬P  by Analyze-1
|
.\
. 1. P : Prop
. 2. ¬P
. ⊢  ↓(¬P)  by Analyze
END
```