```
sq_sq_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
```