```
not_sq_iff_sq  THM

⊢  ¬↓P ⟺ ¬P  by Auto
|
|\
| 1. P : Prop
| 2. ¬↓P
| ⊢  ¬P  by SimilarTo: Hyp:-1
| |
| 2. P
| ⊢  ↓P  by Analyze
|
.\
. 1. P : Prop
. 2. ¬P
. ⊢  ¬↓P  by Analyze
. |
. 3. ↓P
. ⊢  False  by Analyze-1
. |
. 3. P
. ⊢  False  by Analyze2
END
```