```
btrue_neq_bfalse_simp_2  THM

⊢  false₂ = true₂ ⟺ False  by Id THEN Simp
|
1. false₂ = true₂
⊢  False
| by Inst Thm* ¬true₂ = false₂    {btrue_neq_bfalse} [] THEN Simp
|
1. false₂ = true₂
2. ¬true₂ = false₂
⊢  False  by Analyze 2 THEN Simp
END
```