```
not_assert_iff_bfalse  THM

⊢  ∀P:𝔹. ¬P ⟺ P = false₂  by GenUnivCD
|
|\
| 1. P : 𝔹
| 2. ¬P
| ⊢  P = false₂  by BoolInd 1 THEN Rewrite (HigherC assert_evalC) -1
| |
| 1. ¬True
| ⊢  true₂ = false₂  by Unfold ‘not‘ 1
| |
| 1. True ⇒ False
| ⊢  true₂ = false₂
|   by Assert True THENL [Trivial;FwdThru 1 [2] THEN Trivial]
|
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. 1. P : 𝔹
. 2. P = false₂
. ⊢  ¬P  by Unfold ‘not‘ 0 THEN Analyze 0
. |
. 3. P
. ⊢  False
.   by HypSubst 2 3 THEN Rewrite (HigherC assert_evalC) 3
.      THEN
.      Trivial
END
```