```
assert_of_b_exists_unique  THM

⊢  ∀'a:Type, p:('a→𝔹).
    b_exists_unique('a;x.p(x))
    ⟺
    (∃x:'a. p(x)) & (∀x,y:'a. p(x) & p(y) ⇒ x = y)
  by Unab [`b_exists_unique`] THEN Simp THEN Simp THEN StrongAuto
      THEN
      HypBackchain
      THEN
      StrongAuto
END
```