```
hbool_cases_ax  THM

⊢  all(λt:hbool. or(equal(t,t),equal(t,f)))
| by Simpsetp [‘hol_to_nuprl‘] THEN StrongAuto
|
1. t : 𝔹
⊢  t = true₂ ∨ t = false₂
  by L Thm* ∀b:𝔹. b = true₂ ∨ b = false₂    {bool_cases}
     THEN
     StrongAuto
END
```