```
not_cons_nil  THM

⊢  ∀'a:S, t:'a List, h:'a. ¬cons(h; t) = nil
  by RewriteOfThm
     Thm* ∀'a:S.
          all(λt:hlist('a). all(λh:'a. not(equal(cons(h,t),nil))))
     {hnot_cons_nil}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```