```
mod_mod  THM

⊢  ∀n:ℕ. 0<n ⇒ (∀k:ℕ. nmod(nmod(k;n);n) = nmod(k;n))
  by RewriteOfThm
     Thm* all
          (λn:hnum. implies
                    (lt(0,n)
                    ,all(λk:hnum. equal(mod(mod(k,n),n),mod(k,n)))))
     {hmod_mod}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```