```
mult_mono_eq  THM

⊢  ∀m,i,n:ℕ. (n+1)·m = (n+1)·i ⟺ m = i
  by RewriteOfThm
     Thm* all
          (λm:hnum. all
                    (λi:hnum. all
                              (λn:hnum. equal
                                        (equal
                                         (mult(suc(n),m)
                                         ,mult(suc(n),i))
                                        ,equal(m,i)))))
     {hmult_mono_eq}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```