```
hmult_exp_mono  THM

⊢  all
   (λp:hnum. all
             (λq:hnum. all
                       (λn:hnum. all
                                 (λm:hnum. equal
                                           (equal
                                            (mult(n,exp(suc(q),p))
                                            ,mult(m,exp(suc(q),p)))
                                           ,equal(n,m))))))
  by HOL "hmult_exp_mono"
END
```