```
i_o_id  THM

⊢  ∀'b,'a:S, x:('a → 'b). (λx:'b. x) o x = x & x o (λx:'a. x) = x
  by RewriteOfThm
     Thm* ∀'b,'a:S.
          all(λf:'a → 'b. and(equal(o(i,f),f),equal(o(f,i),f)))
     {hi_o_id}
     (SimpsetC [‘hol_to_nuprl‘])
END
```