```
expr \leftarrow for \{x:bind, seq:expr, expr:expr\}
    where
                                                      for = 	ext{ fn } seq' 
ightarrow \left( 	ext{match } seq' 	ext{ with } \left| 	ext{ } x 
ight| : xs 
ightarrow \left| 	ext{ } expr 
ight| : for'(xs) 	ext{ else nil } 
ight)
```