calcule FP0 = asinh(FP0)

if flag30

```
CPASINH:FTST.X FP0
        FBEQ   \1          → retour
        FBGT   \2          x > 0
        FABS.X FP0         ↓ x < 0
        BSR    \2
        FNEG   FP0         y = -y
\1:     RTS
\2:     FMOVE.X  FP0,FP1
        FMUL.X   FP1,FP1       x²
        FMOVECR  #$32,FP2      1
        FADD.X   FP2,FP1       1+x²
        FSQRT.X  FP1           √(1+x²)

        :FCMP.X  FP2,FP0
        FBGT   \4
        FDIV.X   FP1,FP0
        FATANH.X FP0
        RTS
\4:     FADD.X   FP1,FP0
        FLOGN.X  FP0
        RTS
        endif
```

↓ si $x \leqslant 1$ met $\frac{x}{\sqrt{1+x^2}}$ [$= th(y)$]

si $x \geqslant 1$ met $x+\sqrt{1+x^2} = e^y$