

Table S1. PK parameters after multiple doses of YF-H-2015005 ( n=1)

PK parameters	Values	
	Day 1 (Single)	Day 4 (Repeat)
$t_{1/2}$ , h	5.42	5.83
$T_{max}$ , h	0.50	0.50
$C_{max}$ , ng/mL	714	-
$C_{ss,max}$	-	602
$C_{ss,min}$	-	21.6
$C_{av}$	-	134
$AUC_{0-10h}$ , h·ng/mL	2549	2486
$AUC_{0-24h}$ , h·ng/mL	3162	-
$AUC_{0-\infty}$ , h·ng/mL	3284	-
$AUC_{SS}$ , h·ng/mL	-	3210
$V_z$ , L/kg	0.6	-
CL, L/h/kg	0.07	-
Ra	-	1.06
Fl, %	-	433.9

$AUC_{0-10h}$ , area under the curve from time 0 to 10h;  $AUC_{0-24h}$ , area under the curve from time 0 to 24h;  $AUC_{0-\infty}$ , area under the curve from time 0 to infinity;  $AUC_{SS}$ , steady-state area under the curve;  $C_{av}$ , average steady-state plasma drug concentration; CL, apparent clearance;  $C_{max}$ , maximum observed concentration;  $C_{ss,max}$ , steady-state peak concentration;  $C_{ss,min}$ , steady-state trough concentration; Fl, coefficient of fluctuation; PK, pharmacokinetic; Ra, accumulation ratio;  $t_{1/2}$ , apparent terminal half-life;  $T_{max}$ , observed maximum concentration;  $V_z$ , apparent volume of distribution

Table S2. Changes in peripheral blood CD34<sup>+</sup> cells following multiple doses of YF-H-2015005 (n=1)

Time (h)	Day 1 (Single)		Day 4 (Repeat)	
	CD34 <sup>+</sup> cell count (cells/ $\mu$ L)	Fold-increase in CD34 <sup>+</sup> cells	CD34 <sup>+</sup> cell count (cells/ $\mu$ L)	Fold-increase in CD34 <sup>+</sup> cells
0	5.0	-	6.0	-
2	4.0	0.8	9.0	1.5
4	3.3	0.7	5.0	0.8
6	9.3	1.9	5.0	0.8
8	4.0	0.8	4.0	0.7
10	9.8	2.0	4.0	0.7
16	11.0	2.2	5.0	0.8
24	6.0	1.2	5.0	0.8