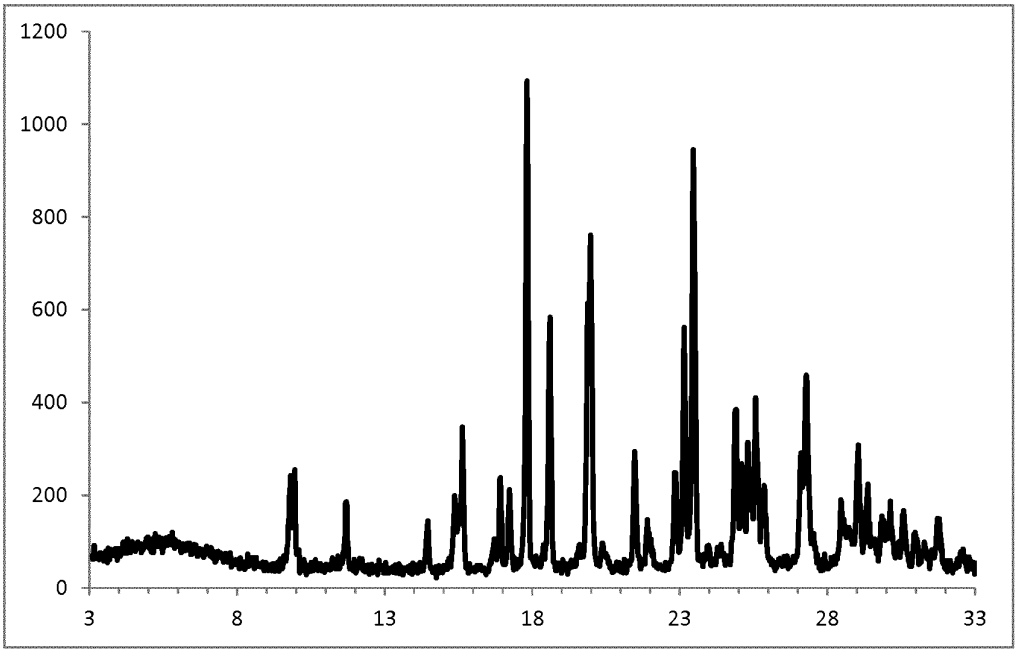
# Figures

## Fig. 1, Form A




## Fig. 2, Form B

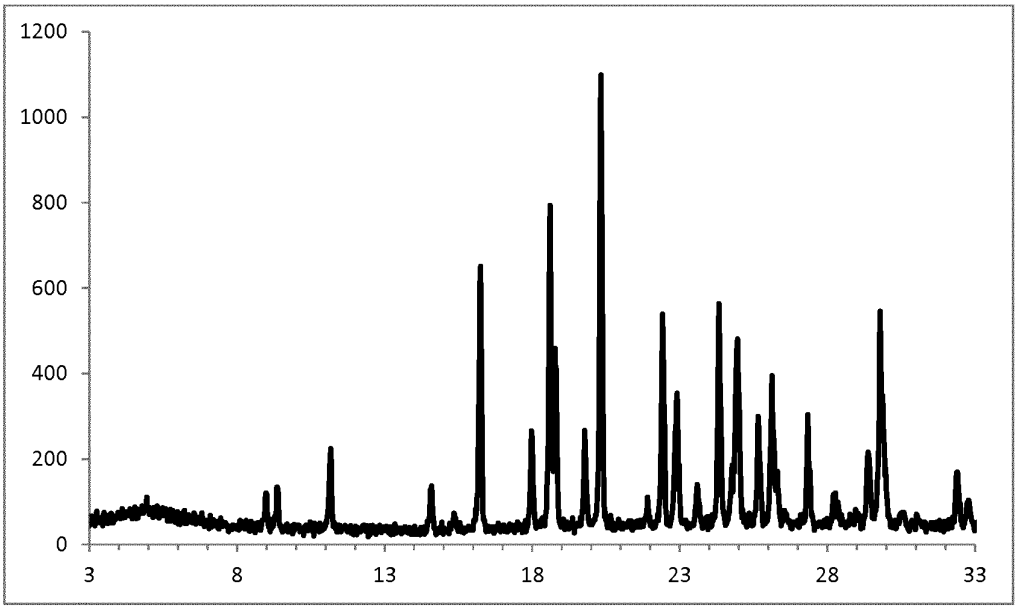


**Fig. 3, Form C**

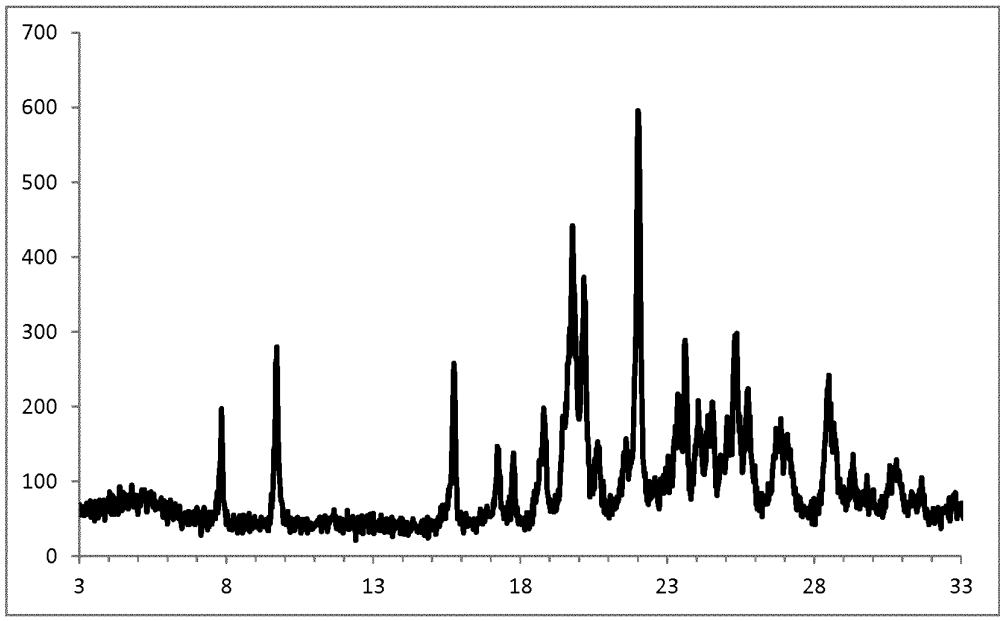



**Fig. 4, Form D**

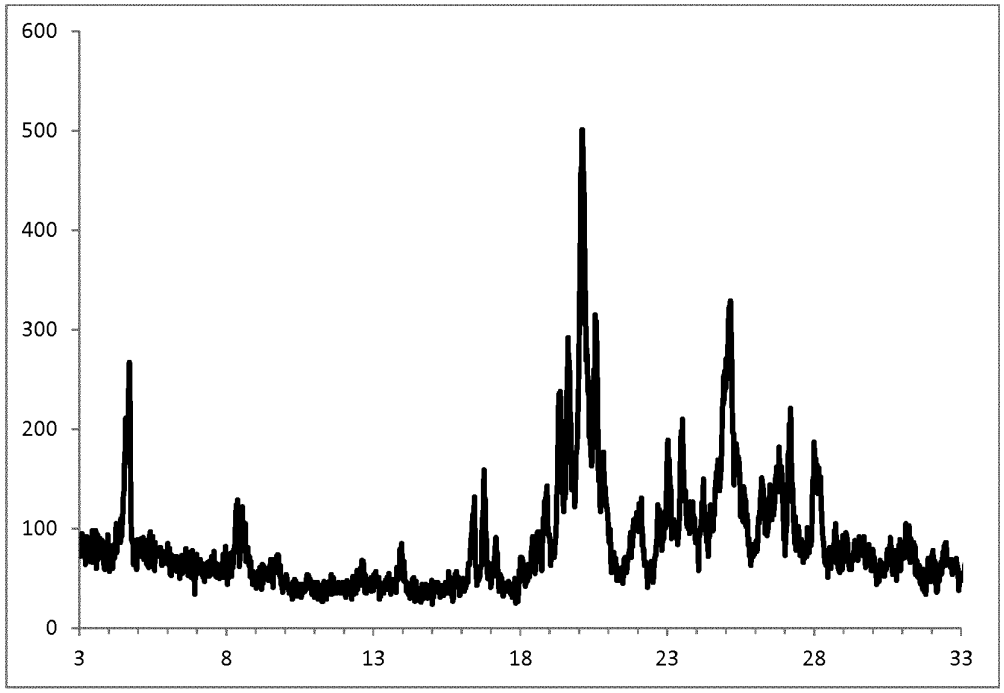


**Fig. 5, Form E**

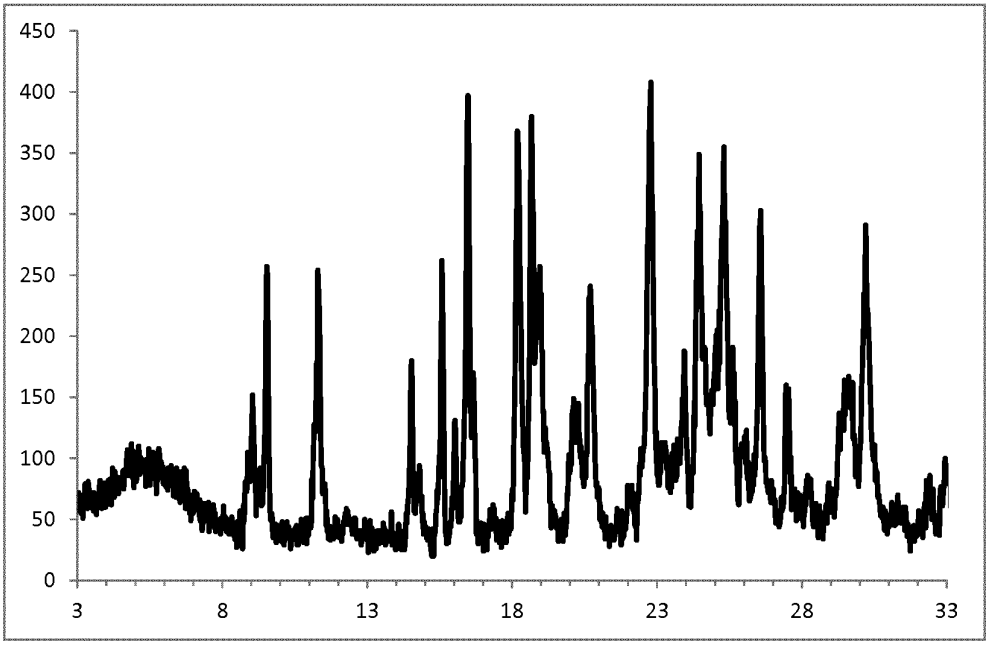



**Fig. 6, Form J**

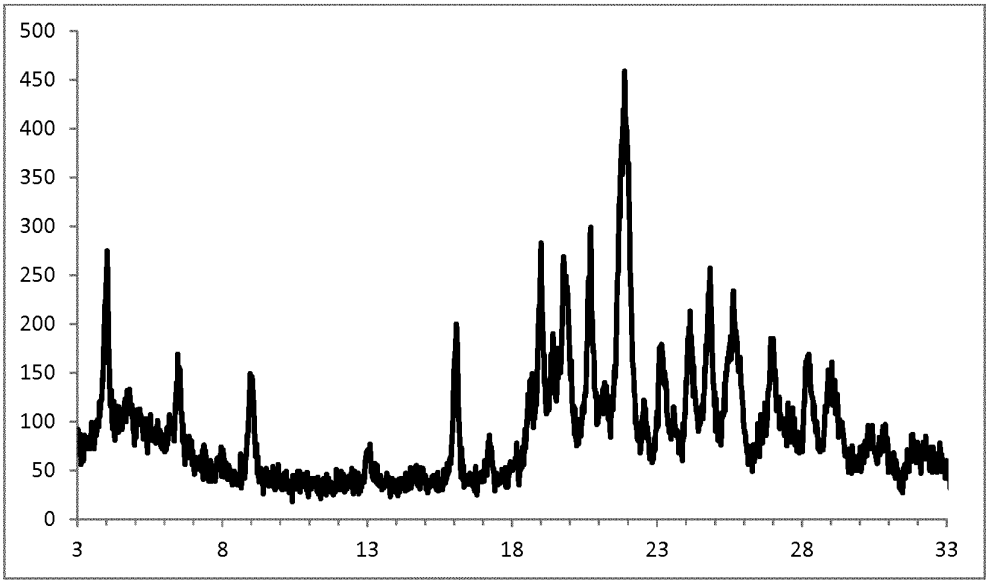


**Fig. 7, Form K**

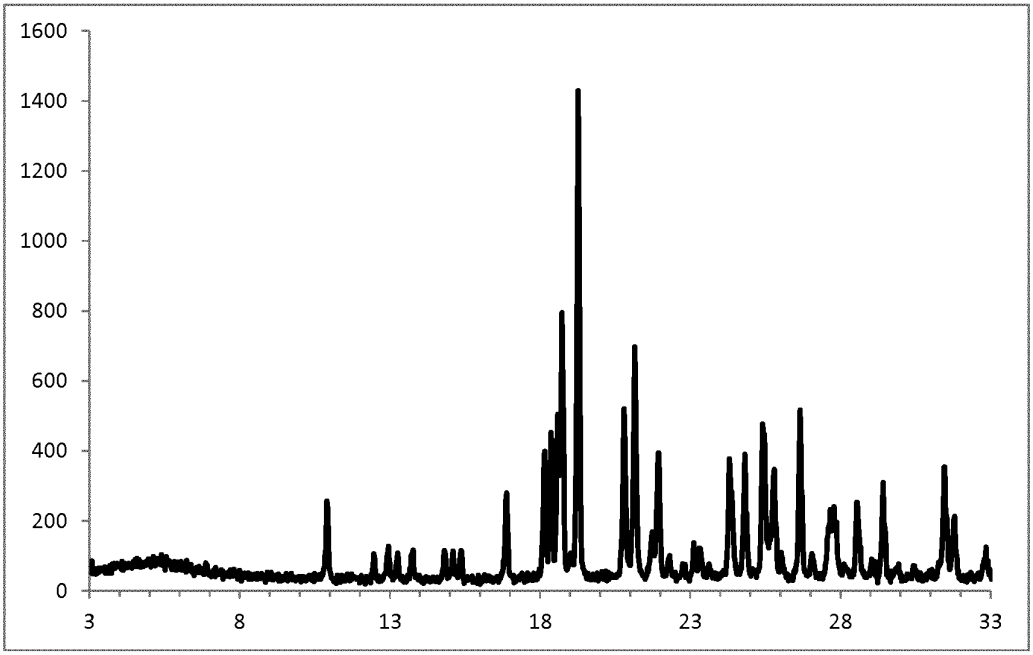



**Fig. 8, Form L**

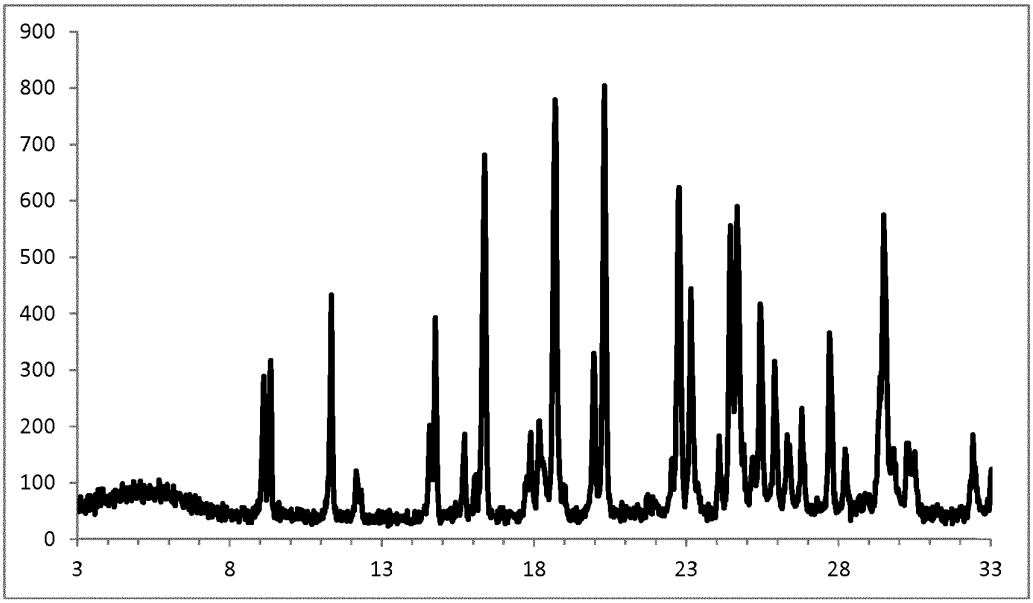


**Fig. 9**

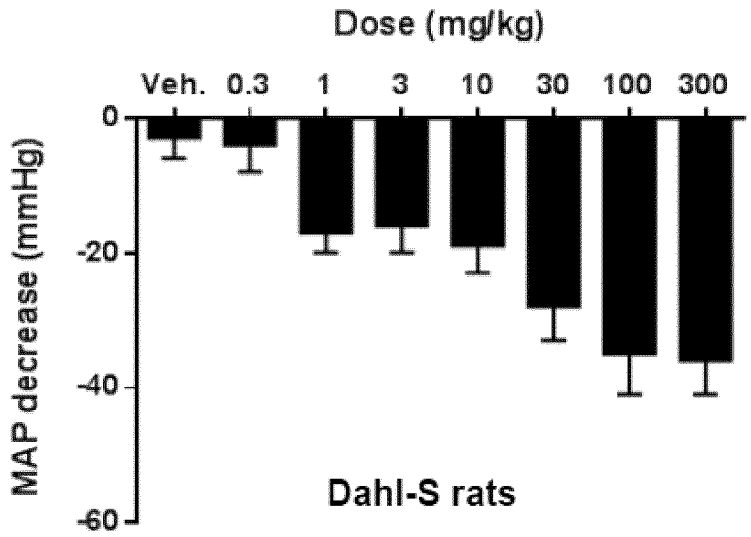

Dose (mg/kg)
Veh.
0.3
1
3
10
30
100
300
0
-20
-40
-60
MAP decrease (mmHg)
Dahl-S rats

**Fig. 10**

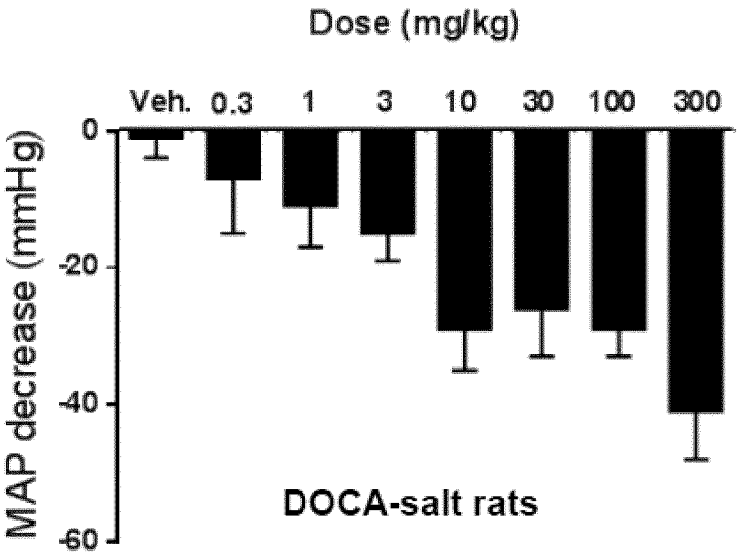

Dose (mg/kg)
Veh.
0.3
1
3
10
30
100
300
0
-20
-40
-60
MAP decrease (mmHg)
DOCA-salt rats

**Fig. 11**

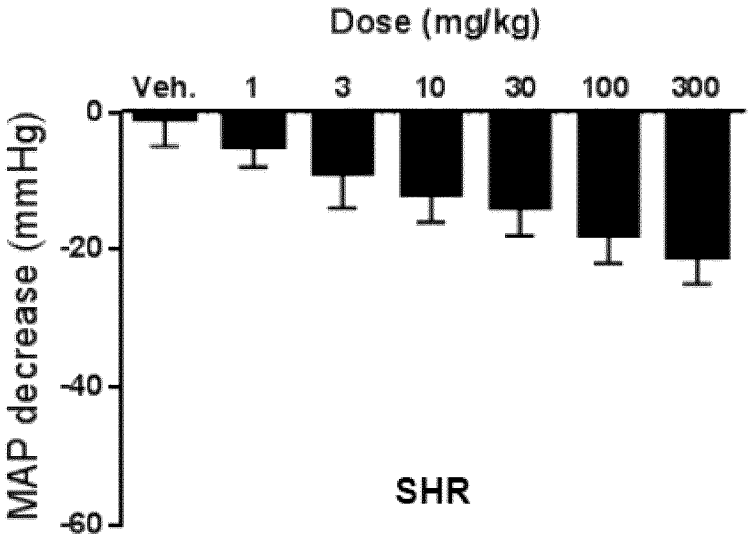

Dose (mg/kg)
Veh.
1
3
10
30
100
300
0
-20
-40
-60
MAP decrease (mmHg)
SHR

**Fig. 12**

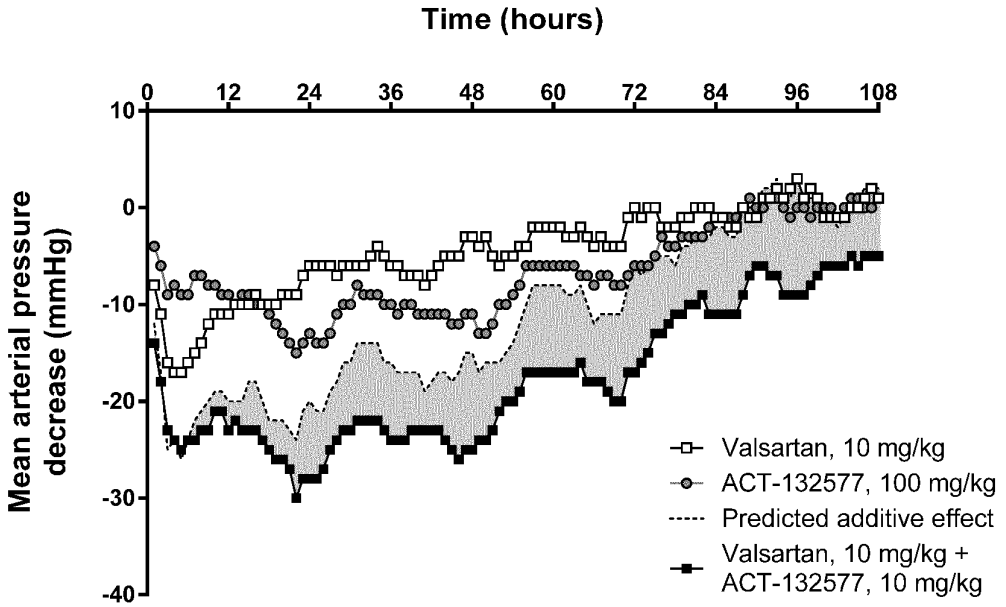

Time (hours)
0
12
24
36
48
60
72
84
96
108
10
0
-10
-20
-30
-40
Mean arterial pressure decrease (mmHg)
Valsartan, 10 mg/kg
ACT-132577, 100 mg/kg
Predicted additive effect
Valsartan, 10 mg/kg + ACT-132577, 10 mg/kg

Fig. 13

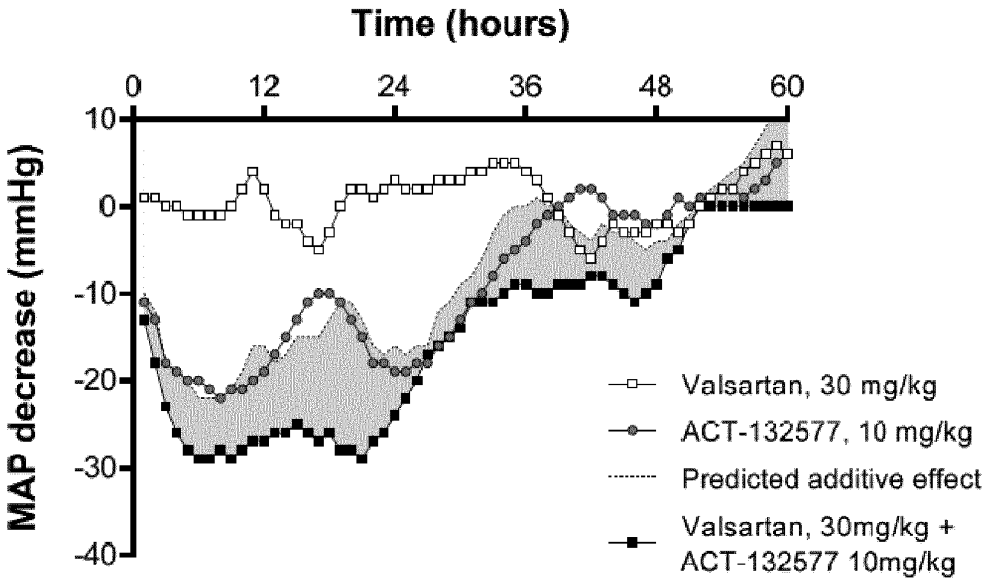

Time (hours)
0
12
24
36
48
60
10
0
-10
-20
-30
-40
MAP decrease (mmHg)
Valsartan, 30 mg/kg
ACT-132577, 10 mg/kg
Predicted additive effect
Valsartan, 30mg/kg +
ACT-132577 10mg/kg

Fig. 14

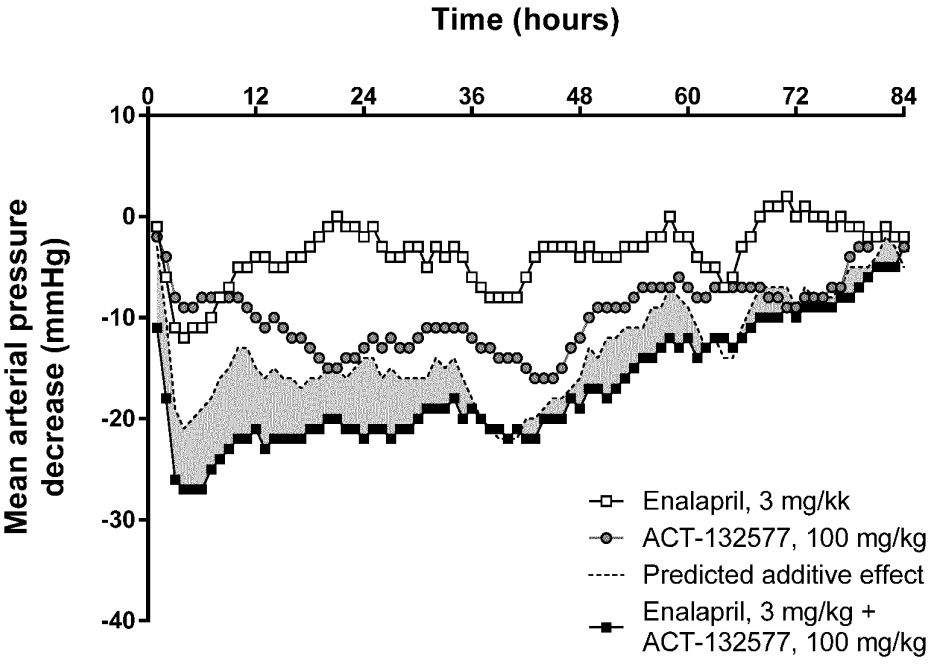

Time (hours)
0
12
24
36
48
60
72
84
10
0
-10
-20
-30
-40
Mean arterial pressure
decrease (mmHg)
Enalapril, 3 mg/kk
ACT-132577, 100 mg/kg
Predicted additive effect
Enalapril, 3 mg/kg +
ACT-132577, 100 mg/kg

Fig. 15

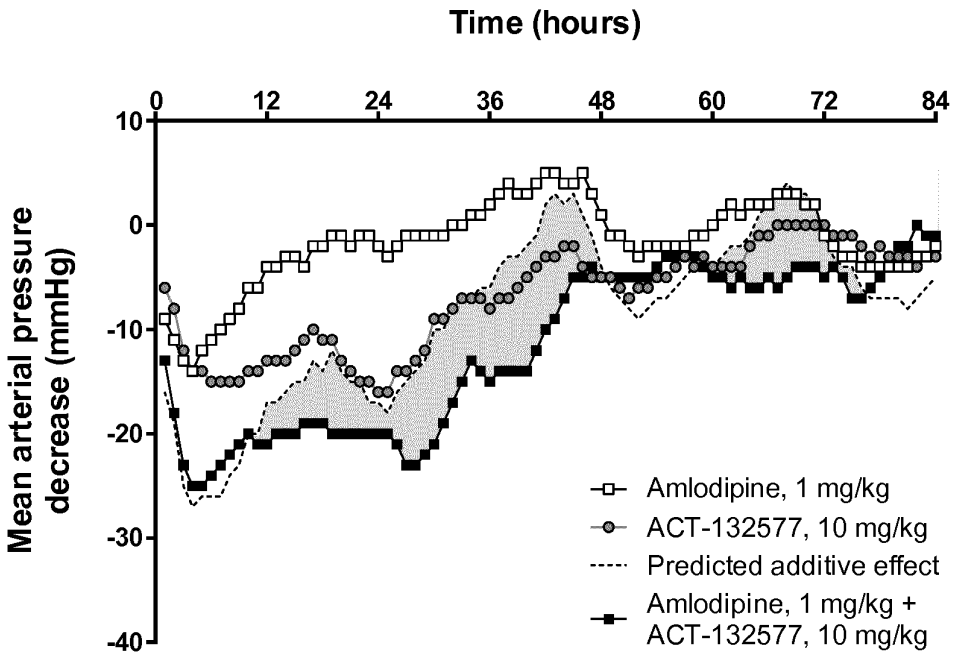

Time (hours)
0
12
24
36
48
60
72
84
10
0
-10
-20
-30
-40
Mean arterial pressure decrease (mmHg)
Amlodipine, 1 mg/kg
ACT-132577, 10 mg/kg
Predicted additive effect
Amlodipine, 1 mg/kg + ACT-132577, 10 mg/kg

Fig. 16

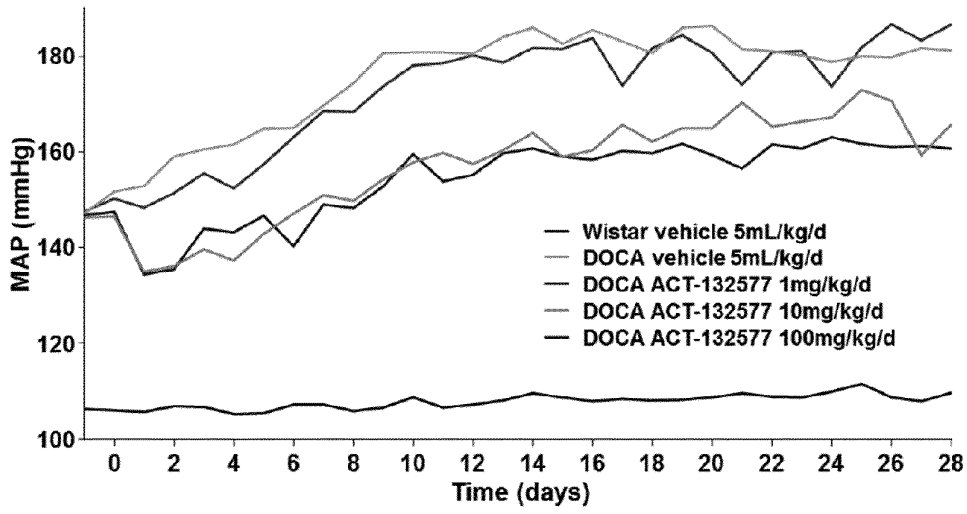

180
160
140
120
100
MAP (mmHg)
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
Time (days)
Wistar vehicle 5mL/kg/d
DOCA vehicle 5mL/kg/d
DOCA ACT-132577 1mg/kg/d
DOCA ACT-132577 10mg/kg/d
DOCA ACT-132577 100mg/kg/d

**Fig. 17**

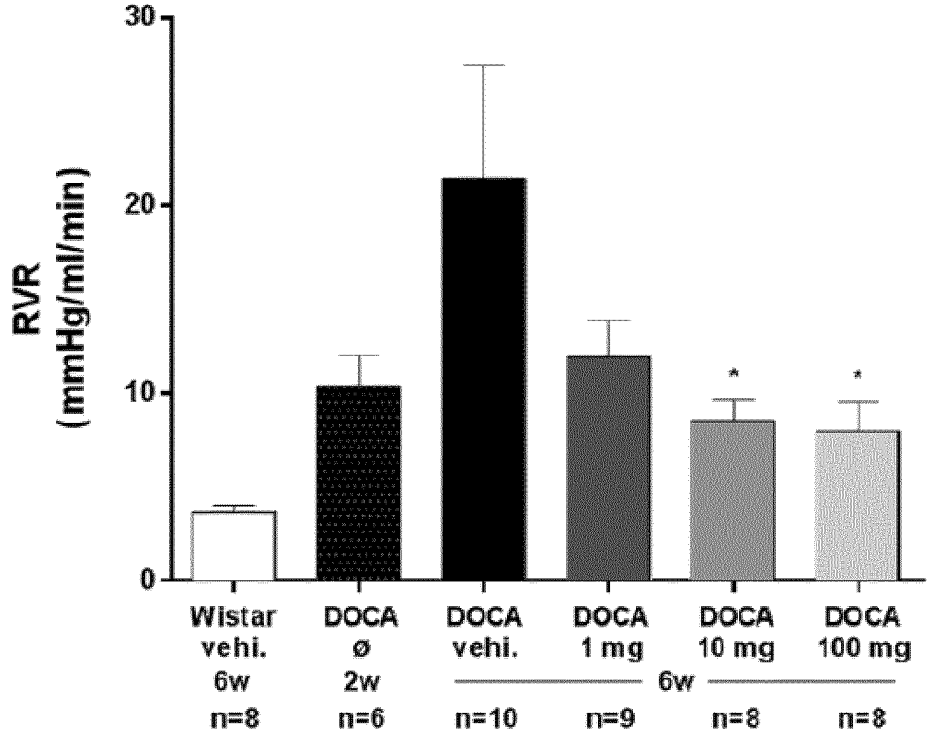

RVR
(mmHg/ml/min)
30
20
10
0
*
*
Wistar
vehi.
6w
n=8
DOCA
ø
2w
n=6
DOCA
vehi.
DOCA
1 mg
DOCA
10 mg
DOCA
100 mg
6w
n=10
n=9
n=8
n=8

**Fig. 18**

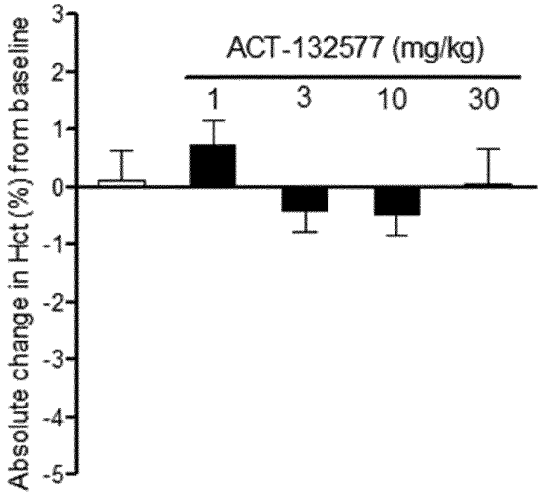

Absolute change in Hct (%) from baseline
3
2
1
0
-1
-2
-3
-4
-5
ACT-132577 (mg/kg)
1
3
10
30

Fig. 19

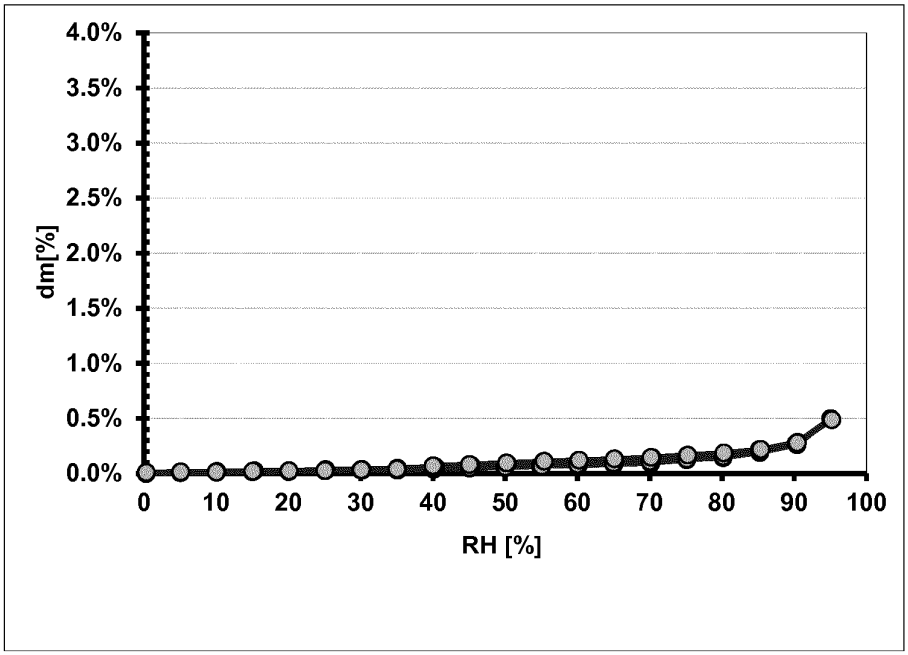
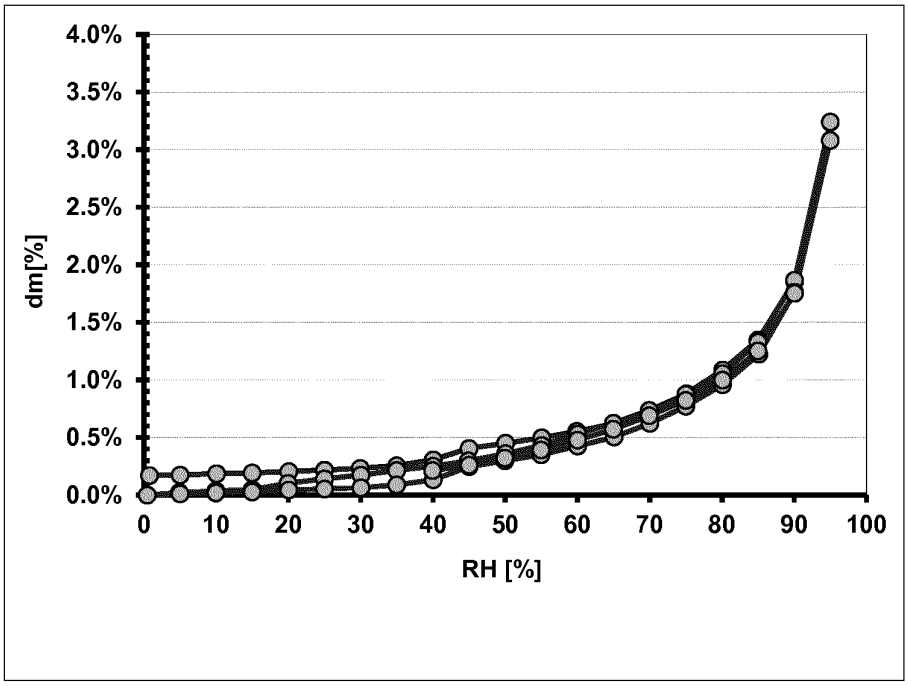

4.0%
3.5%
3.0%
2.5%
2.0%
1.5%
1.0%
0.5%
0.0%
dm[%]
0
10
20
30
40
50
60
70
80
90
100
RH [%]

Fig. 20


4.0%
3.5%
3.0%
2.5%
2.0%
1.5%
1.0%
0.5%
0.0%
dm[%]
0
10
20
30
40
50
60
70
80
90
100
RH [%]