Fig.1

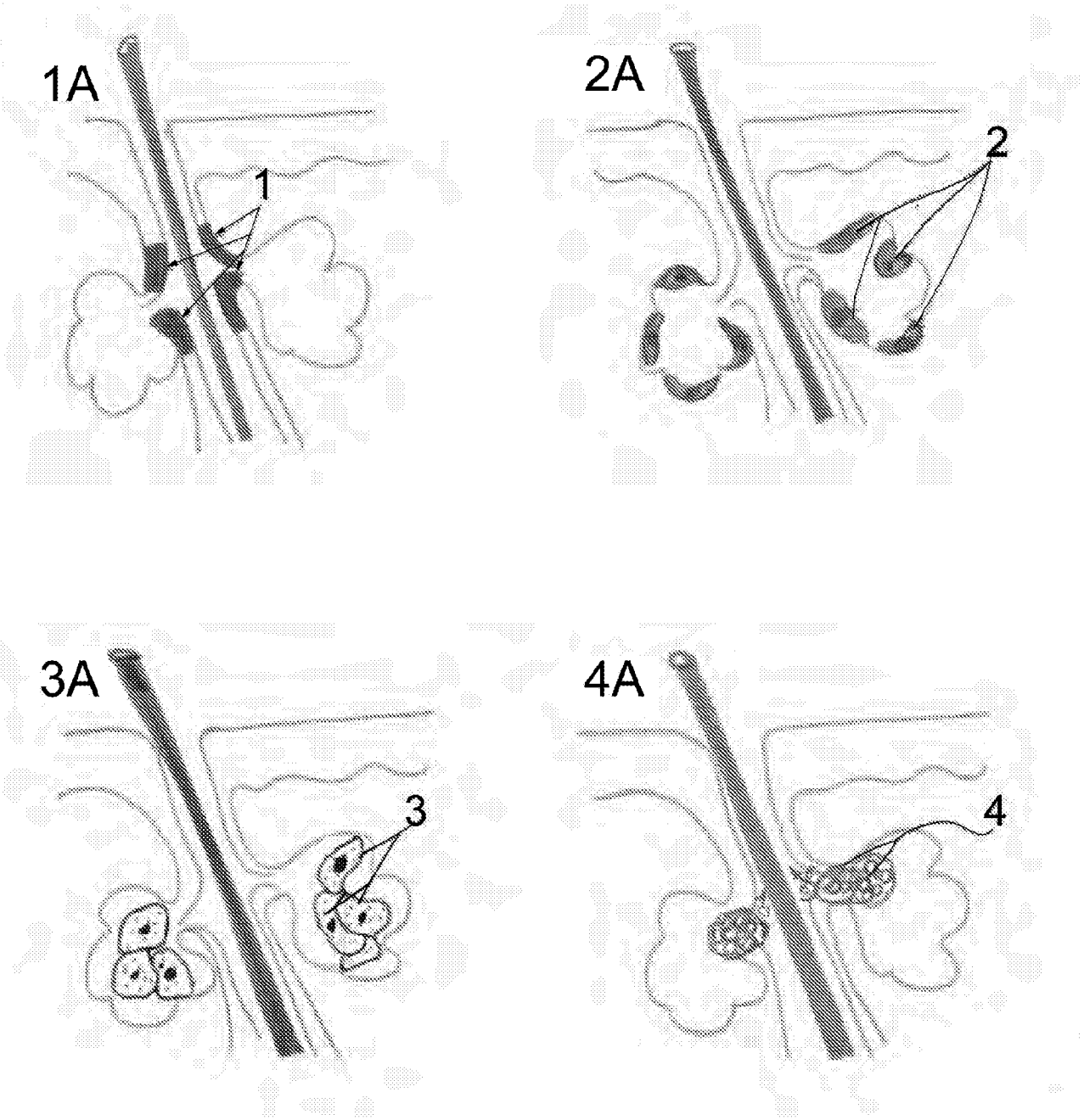


Fig.2

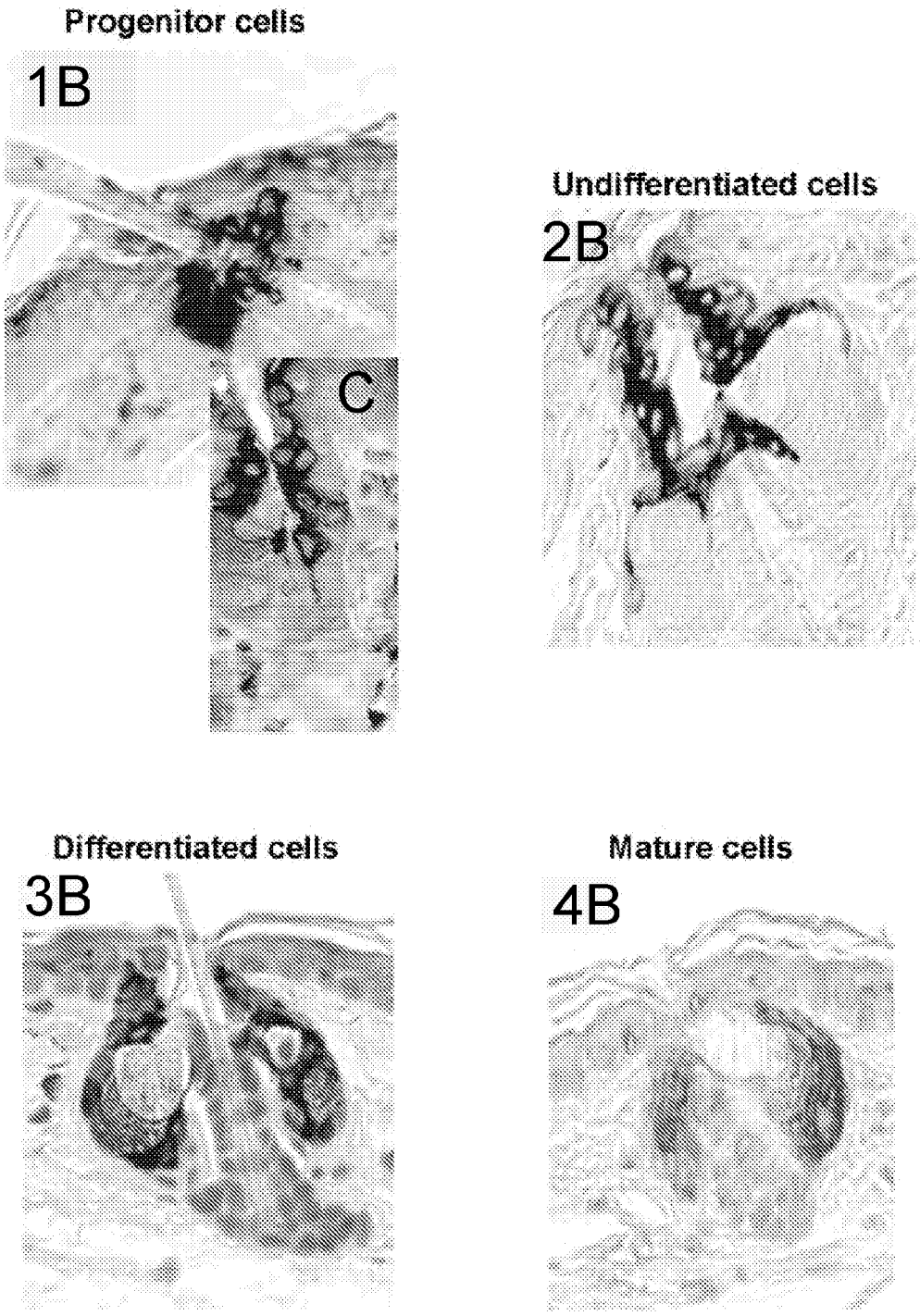

Progenitor cells
1B
C
Undifferentiated cells
2B
Differentiated cells
3B
Mature cells
4B

Fig.3

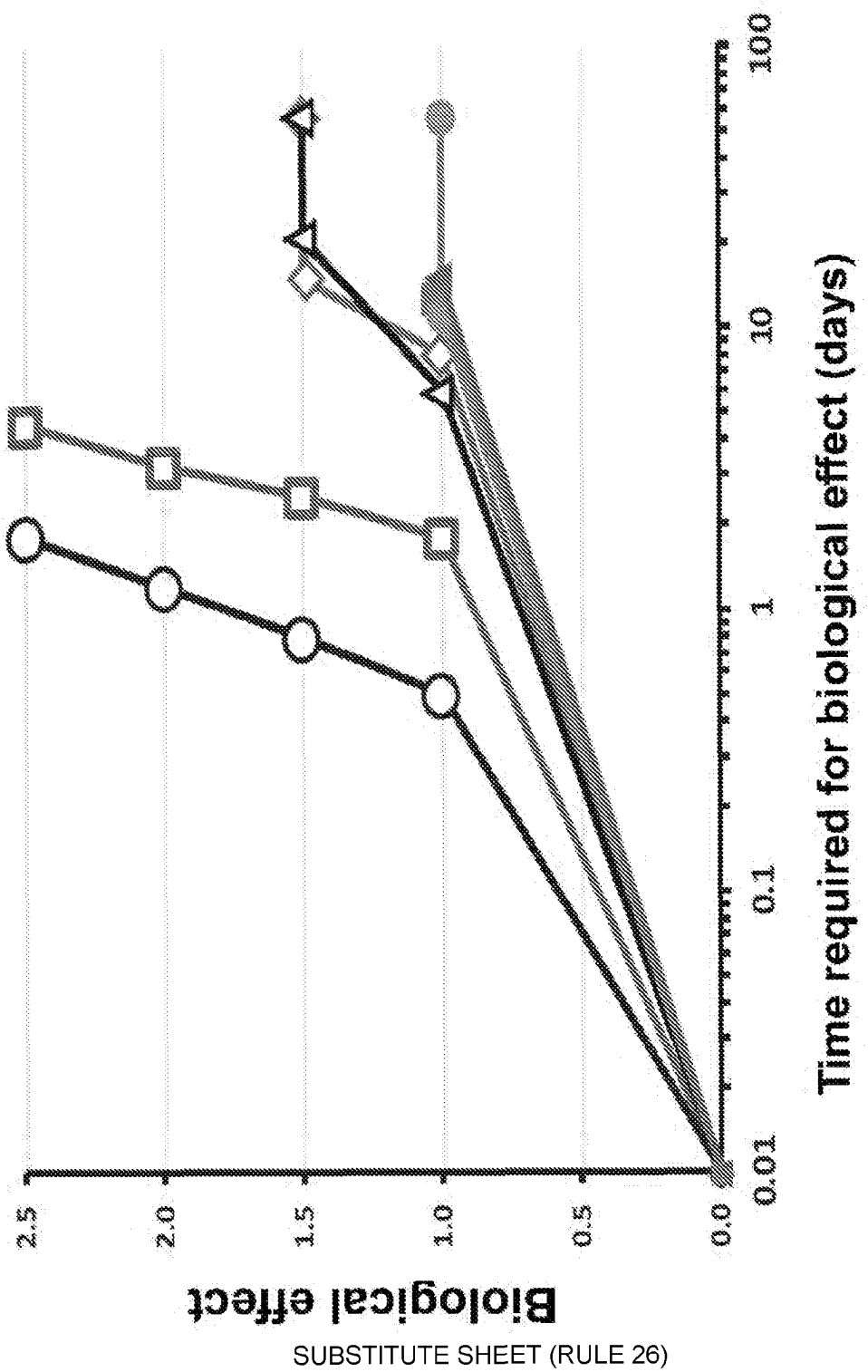

NSA1
NSA2
NSA3
NSA4
NSA5
NSA6
NSA7
Biological effect
2.5
2.0
1.5
1.0
0.5
0.0
0.01
0.1
1
10
100
Time required for biological effect (days)

Fig.4

	CALUX efficacy			EROD efficacy		Focal expression of AhR activation (cyp1A1)				Sebum inhibition index*	Activity in man
	Concentration		% value TCDD	Concentration	Value	Progenitor	Non differentiated	Differentiated	Mature	% control	
	µM	M		M	% value TCDD 10^{-11}	Stage 1	Stage 2	Stage 3	Stage 4		
NSA 1	10	1.0E-05	78	1.0E-06	25	xxx	xxx	ooo	ooo	28	x
NSA 2	5	1.0E-05	13	1.0E-06	20	xxx	xxx	xxx	xxx	90	xxx
NSA 3	0.01	1.0E-11	100	1.0E-12	100	xxx	xxx	xxx	xxx	97	xxx
NSA 4	0.1	1.0E-11	76	1.0E-07	60	xxx	xxx	ooo	ooo	8	ooo
NSA 5	100	1.0E-04	32	1.0E-04	30	xxx	ooo	ooo	ooo	11	ooo
NSA 6	100	1.0E-04	58	1.0E-04	10	xxx	ooo	ooo	ooo	16	ooo
NSA 7	100	1.0E-04	17			xxx	ooo	ooo	ooo	5	ooo

Table 1

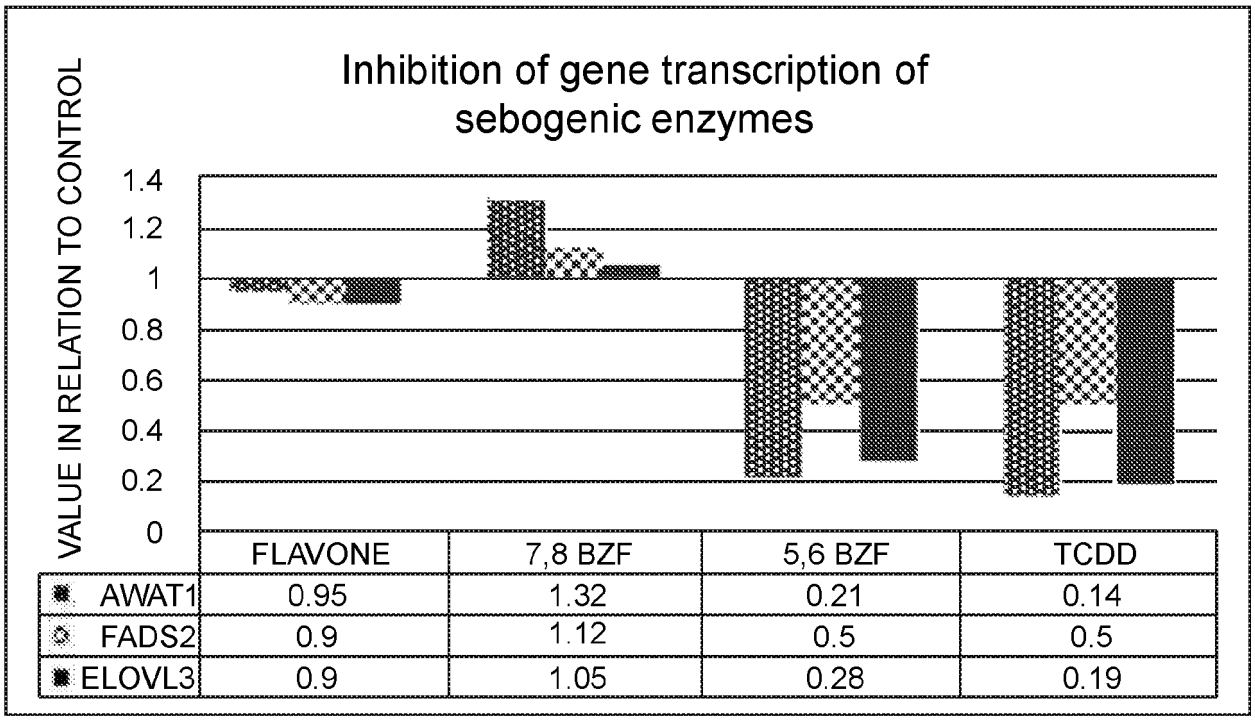
Activity xxx
No effect ooo
Low activity x
* sebogenesis inhibition (sebum differentiation index)

SUBSTITUTE SHEET (RULE 26)

Fig.5

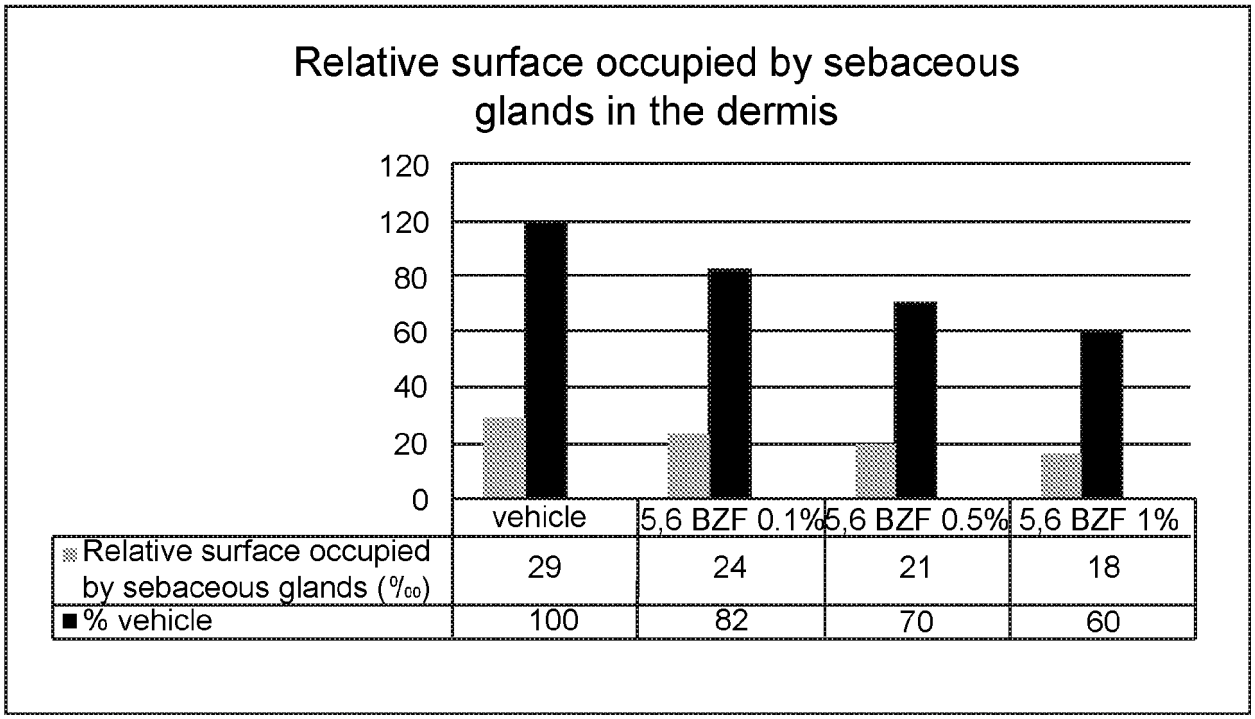
	CALUX efficacy Concentration M	%value TCDD 10^{-11}	%value TCDD 10^{-11}	EROD efficacy Concentration M	Value %value TCDD 10^{-11}	Focal expression of AhR activation (Cyp1A1) Progenitor Stage 1	Non-differentiated Stage 2	Differentiated Stage 3	Mature Stage 4
TCDD	1.0E-11	100		1.0E-12	100	XXX	XXX	XXX	XXX
5.6 Benzoflavone (beta Naphtoflavone)	1.0E-05	13		1.0E-06	20	XXX	XXX	XXX	XXX
7,8 Benzoflavone (alpha Naphtoflavone)	1.0E-04	18		1.0E-04	4	000	000	000	000
Flavone	1.0E-05	20		1.0E-05	6	XXX	000	000	000

Fig.6



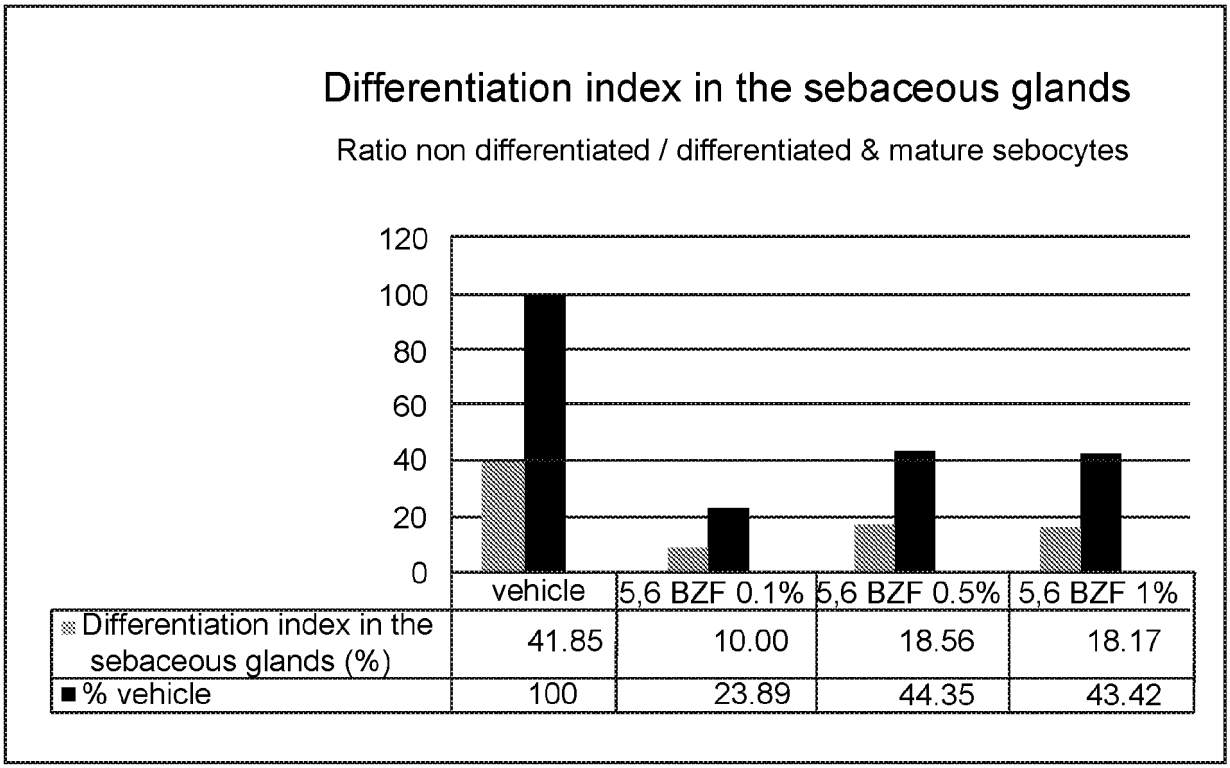
	FLAVONE	7,8 BZF	5,6 BZF	TCDD
AWAT1	0.95	1.32	0.21	0.14
FADS2	0.9	1.12	0.5	0.5
ELOVL3	0.9	1.05	0.28	0.19

Fig.7



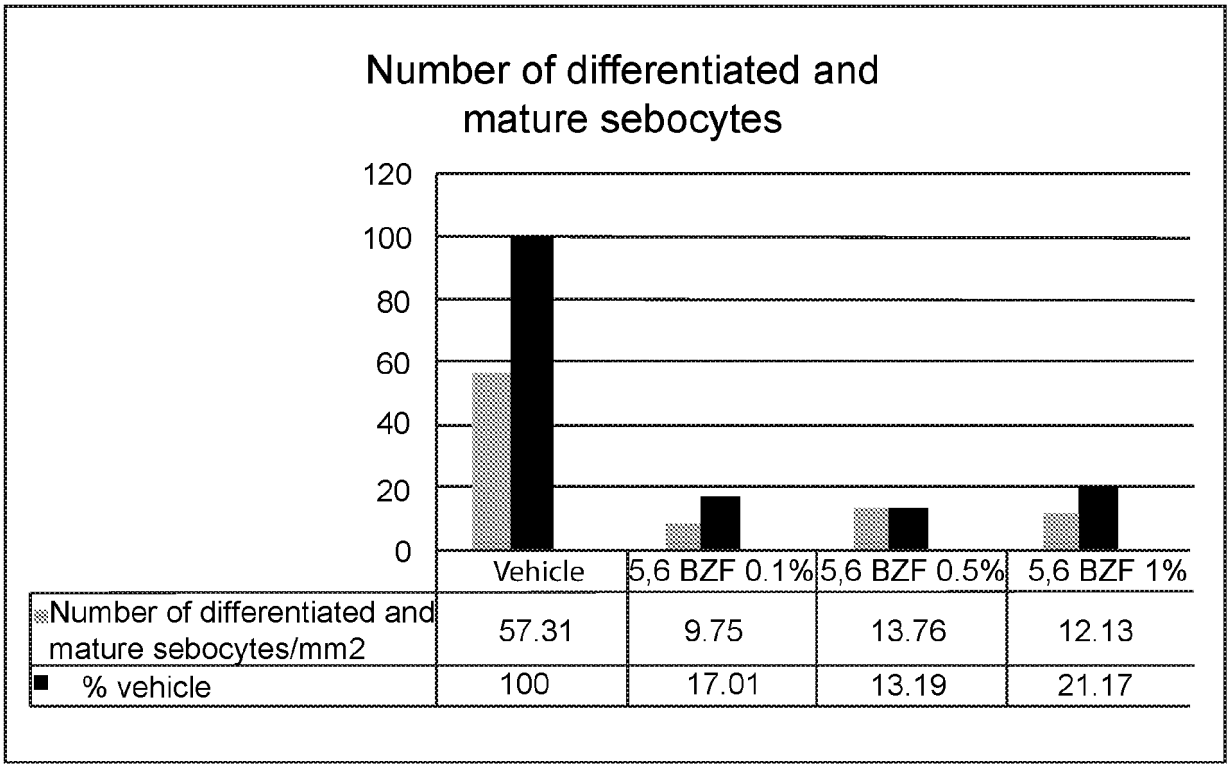
	vehicle	5,6 BZF 0.1%	5,6 BZF 0.5%	5,6 BZF 1%
Relative surface occupied by sebaceous glands (‰)	29	24	21	18
% vehicle	100	82	70	60

Fig.8



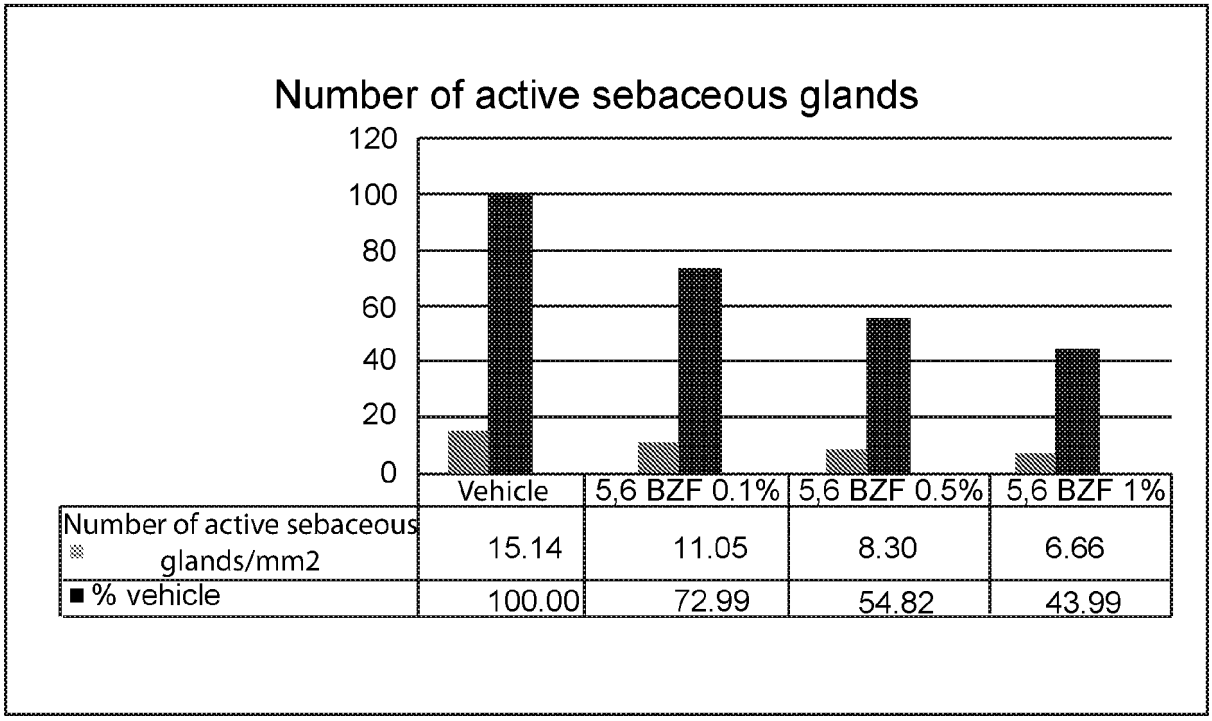
	vehicle	5,6 BZF 0.1%	5,6 BZF 0.5%	5,6 BZF 1%
Differentiation index in the sebaceous glands (%)	41.85	10.00	18.56	18.17
% vehicle	100	23.89	44.35	43.42

Fig.9



	Vehicle	5,6 BZF 0.1%	5,6 BZF 0.5%	5,6 BZF 1%
Number of differentiated and mature sebocytes/mm2	57.31	9.75	13.76	12.13
% vehicle	100	17.01	13.19	21.17

Fig.10



	Vehicle	5,6 BZF 0.1%	5,6 BZF 0.5%	5,6 BZF 1%
Number of active sebaceous glands/mm2	15.14	11.05	8.30	6.66
% vehicle	100.00	72.99	54.82	43.99