

Test System
Species Human
Cell line name Human airway H461 cells

Information about the data set
file listing the IDs of wells

Duration of dosing 250
Unit of time for duration of dosing min
Concentration 25
Concentration unit μ M

test agent(s)
Test Article 2-Chloropalmitic acid (2Cl-PA) & 2-Bromopalmitic Acid (2Br-PA)
Negative control Palmitic Acids (PA)
Positive control
Vehicle (control) ethanol

OCR Figure 1 A

Time (min)	OCR																		
	PA 25 μ M				2-Cl-PA 25 μ M				2Br-PA 25 μ M				Ethanol						
10	163.66	190.13	172.32	133.49	179.36	169.43	129.14	171.03	164.72	174.68	168.05	164.03	164.48	93.68	160.84	161.67	144.7	180.16	174.41
44	152.63	186.12	167.5	133.52	176.78	166.3	131.44	171.2	163.86	175.15	168.88	168.79	169.96	98.89	164.45	167.71	146.25	181.71	172.44
104	146.78	178.88	161.13	133.29	173.21	162.81	125.7	163.78	152.36	163.32	169.7	157.68	160.99	97.65	160.67	159.78	142.63	176.04	171.43
163	145.7	178.61	160.41	129.85	171.84	160.06	110.83	158.21	128.32	145.29	146.21	140.46	91.68	84.25	160.6	150.72	141.54	173.83	167.03
197	88.83	73.99	87.6	30.21	64.38	36.77	106.71	118.72	118.63	113.41	103.52	100.91	80.81	70.36	98.16	84.98	51.7	89.88	97.34
206	200.65	369.19	361.09	293.43	303.38	373.04	491.7	199.63	189.84	198.69	200.02	200.91	179.34	192.41	368.05	399.92	292.24	388.01	388.61
223	67.69	87.56	67.04	64.53	68.72	67.11	57.09	59.12	58.63	63.68	60.72	59.04	53.17	65.2	68.33	68.78	64.62	72.85	69.68

ECAR Figure 1H

Time (min)	ECAR																					
	PA 25 μ M				2-Cl-PA 25 μ M				2Br-PA 25 μ M				Ethanol									
10	99.87	110.22	109.89	86.75	97.81	98.4	90.96	98.96	101.11	99.87	93.96	97.14	98.08	91.61	81.56	75.10	107.95	96.01	101.04	91.21	102.85	97.84
44	104.92	120.36	116.07	95.76	105.46	105.92	111.69	115.38	118.21	74.92	82.79	116.33	111.01	113.67	97.36	83.31	119.63	103.04	108.31	98.18	111.06	104.45
104	100.86	119.52	116.36	88.95	101.1	113.94	130.21	154.95	153.55	83.59	85.83	136.24	133.54	139.44	118.69	110.03	128.22	111.02	113.92	104.93	115.9	108.59
163	105.49	126.29	123.16	91.65	120.11	122.23	103.2	177.53	172.29	82.23	85.25	162.11	147.84	150.87	129.95	117.54	120.27	113.03	117.61	108.2	121.3	115.38
197	136.81	163.95	160.48	136.78	158.68	160.04	139.86	171.28	158.97	82	76.45	158.79	157.62	157.62	125.59	117.67	119.28	151.86	156.66	141.28	159.79	156.39
206	148.15	178.65	175.68	141.03	171.64	175.33	133.69	161.32	156.84	77.23	74.53	158.78	162.68	167.28	121.48	114.62	117.61	162	170.42	145.24	177.66	170.66
223	115.12	143.48	140.95	117.98	140.08	144.57	123.29	151.35	139.94	76.52	65.96	137.98	144.2	144.09	111.38	102.02	104.59	134.14	141.31	122.71	142.88	139.71

Figure 1B

control	PA	2-Cl-PA	2-Br-PA
1.07082	0.98209	1.41638	
0.66676	0.93159	0.73549	0.77876
0.87478	0.88561	0.80816	1.06213
1.00096	0.86472	0.80084	0.74661
0.98212	0.91949	0.81145	0.77769
	0.90365		
	0.856516		

Figure 1C

control	PA	2-Cl-PA	2-Br-PA
89.4736	84.0545	32.1704	19.0538
83.9498	81.8948	24.1362	28.8611
112.2919	111.0754	53.32748	76.9614
90.8985	90.6637	25.5078	11.13882
52.43025	54.98876	6.92025	44.3893
	61.19337	24.81428	83.44916
	66.74911	33.6163	
	83.73261		
	104.8803		

Figure 1D

control	PA	2-Cl-PA	2-Br-PA
18.21317	18.19664	86.46626	
15.05665	18.3004	64.86834	80.84815
-12.0019	-11.0784	89.33221	79.14339
13.03084	13.48207	88.81173	86.3989
26.76336	19.74462	64.36411	69.6298
	38.80663	75.18872	55.8102
	33.25089	66.3887	44.1299

Figure 1E

control	PA	2-Cl-PA	2-Br-PA
251.4214	237.7201	417.2895	84.21476
199.8938	200.1699	84.62989	196.7582
392.9717	393.0184	162.0078	67.43454
293.1071	227.7097	137.3666	
	259.7636		
	274.6333		

Figure 1F

control	PA	2-Cl-PA	2-Br-PA
99	94.87769	26.2069	-2.51933
100	63.18004	4.69279	24.9714
100	88.5216	57.78817	-69.0508
101	100.6829	8.896992	
	87.0986		
	127.8677		

Figure 1G

control	PA	2-Cl-PA	2-Br-PA
21.87999	18.09319	46.85186	24.78613
27.92411	23.9414	26.38865	51.96998
43.84691	44.89372	46.70969	32.66886
34.24972	30.37577	30.67277	28.04833
20.80536	20.2572	25.74564	21.76454
	21.25117	21.4266	
	22.38861		
	38.84204		

Figure 1

control	PA	2-Cl-PA	2-Br-PA
1.278883	1.37842486	1.207116	1.564364
1.154104	1.183365109	1.50006	1.467511
1.177489	1.16049589	1.724155	1.464487
1.114379	1.09602578	1.370988	1.370322
0.960718	1.13460189	1.499635	
	1.20067127		
	1.09474687		

Figure 1

control	PA	2-Cl-PA	2-Br-PA
44.41693	59.31827	-8.8807	-1.71108
35.34993	43.44876	-17.3841	3.89218
38.84693	30.09276	-11.3771	-12.7018
33.07668	32.37078	-8.46949	6.23506
30.38678	38.0564	4.60034	
	44.89644		
	39.74612		