	acetic_acid	me	methanol	formic_acid	pi	C02		acetic_acid	Б	methanol		formic_acid		C02
	200		0	1000		200		200		0		1000		200
k_5	k_4a OZH 0	0	k_4 ₩ 8	O E	k_3a ————————————————————————————————————	₩ 2 0	k_2a	0 H	k_2	0 0	k_1a	o a [2	0 k_1	H2
			0	0		0		200		0		0		0
k_5	k_4a 0 0		k_4 acetic_acid	O TH	k_3a	O TO Formic_acid	k_2a	0 00	k_2	O ■ acetic_acid	k_1a	o ethanol	0	o
k_5a	k_4a 0g ₽₽ ₽ 0	0	k_4 007 WH2O	o 🔛 S	k_3a	1000 O formaldehyde	k_3	0 200 H2	k_2	0 200 H2O	k_1a	o 1 0	0	1000 O 📑
k_5a	k_4a 0 lormic_acid	0	k_4 CO2	0 0 acetic_acid	k_3a . <u>p</u>	o methanol	k_3	0 O formic_acid	k_2	o 500 CO2	k_1a	0 0 acetic_acid	0 E k_1	0 ====================================
k_5a	1000 ○ 11 c c c c c c c c c c c c c c c c c c	0	k_4 009 2H 3H	200 0 H2O	k_3a	0	k_3	1000 O E F	k_2a ŏ	09 2 20 0	k_1a	2000 O III	0 k_1	0
k_5a	c c c c c c c c c c c c c c c c c c c		O F A P	0 200 CO2	k_3a	0 O	k_3	0 O methanol	k_2a	0 O formic_acid	k_1a	0 200 CO2	0 k_1	0 O actic_acid
k_5a	k_5 o	•	1000 k ⁻ 4a be to the formaldehyde	0 500 H2	k_3a	0 200 H2O	k_3	o 1 O	k_2a	1000 o formaldehyde	k_2	0 200 0 200	0 k_1	200 H2O
k_5a	0 0 g ⁻ y	U	k_4a 0 methanol	0 O formic_acid	k_3a . <u>p</u>	0 200 0 0	k_3	0 O === acetic_acid	k_2a	0 O	k_2	0 0	0 k_1	500 CO2
k_5a	k_5 000 CH 0 O	0	k_4a o	1000 O T I	k_4 ŏ	0 200 P	k_3	200 O H2O	k_2a	o a O	k_2	1000 k ⁻ 1a o	0 k 1a	500 H2
k_5a	k_5 009 0	0	k_4a ○ □	0	k_4	0 -	k_3	200	k_2a	0	k_2	K_1a 0 ■ 0	0 k_1a	0