













Thermogravimetric analysis of complex (I) in air medium, Tmax = 420 °C	Isothermal annealing conditions of complex (I)				
AFC T, 'C INF	Sample	Cor is ar T, C	nditions of othermal nnealing Duration, h	Decomposition product	
122 °C Am = 83% 412°C	(I) - 1	180	7	ReO3cub	
180 °C DTG	(I) - 2	190	4	-	
115°C 200 °C 340 °C T	(I) - 3	200	2	ReO2orth + ReO3cub	
· TG	(I) - 4	300	5	-	
τ 129°C τ T _{eria} (Re ₂ O ₂)= 362,4°C	(I) - 5	340	6	ReO3cub+ ReO2orth	
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	Conwith	trolle set gi	d synthe ranulom	esis of r etric con	henium oxic nposition of	les (IV the co) and (VI omplex (I		
	Range of diameter measuring, nm	T, ºC	ν, %	d, нм	Range of diameter measuring, nm	т, ⁰С	ν, %	d, nм	
			60,0	20,0	100 < d < 200	245	36,0	118,8	
	d<100	255	26,0	24,0			29,0	139,7	
			14,0	28,8			9,0	164,3	
						255	1,0	193,1	
	Range of diameter measuring, nm	T, ⁰C	ν, %	d, nм	Range of diameter measuring, nm	T, ºC	ν, %	d, nм	
	200 < d < 500		16,0	267,0		245	1,0	829,8	
		245	7,0	314,0			1,0	975,2	
		< 500 265	34,0	257,1	d>500		1,0	1147,2	
			34,0	347,5			0,5	1348,9	
						265	12,0	30608,5	J 15
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