

Supplementary Information

Isopropyl Octanoate Synthesis Catalyzed by Layered Zinc *n*-Octanoate

Swami A. Maruyama, Luiz Ricardo S. Kanda and Fernando Wypych*

Departamento de Química, Universidade Federal do Paraná, CP 19032, 81531-980 Curitiba-PR, Brazil

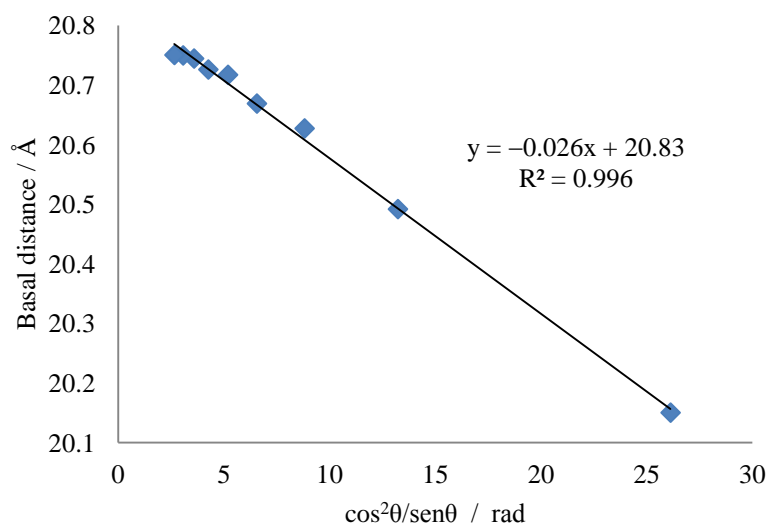


Figure S1. Obtaining of the basal distance by extrapolation.

Table S1. Parameters for calculation of basal distance through extrapolation

Order	$2\theta / ^\circ$	$\theta / ^\circ$	$\theta / \text{rad.}$	$\text{Sin } \theta$	$\text{Cos } \theta$	$\text{Cos}^2 \theta$	$\text{Cos}^2 \theta / \text{sin } \theta$	$2 \times \text{Sin } \theta$	nL	$nL/2 \text{ sin } \theta = d$
1	4.38	2.19	0.038222	0.038213	0.999269	0.998539	26.13061	0.076426	1.54	20.1499
2	8.62	4.31	0.075223	0.075152	0.997172	0.994352	13.23107	0.150305	3.08	20.4915
3	12.86	6.43	0.112224	0.111989	0.993709	0.987458	8.817439	0.223978	4.62	20.6269
4	17.14	8.57	0.149574	0.149017	0.988834	0.977793	6.561598	0.298035	6.16	20.6686
5	21.42	10.71	0.186924	0.185838	0.982580	0.965464	5.19518	0.371676	7.7	20.7169
6	25.76	12.88	0.224798	0.222909	0.974839	0.950312	4.263208	0.445819	9.24	20.7258
7	30.12	15.06	0.262846	0.259830	0.965654	0.932488	3.588833	0.519660	10.78	20.7442
8	34.54	17.27	0.301418	0.296874	0.954916	0.911865	3.071547	0.593749	12.32	20.7494
9	39.02	19.51	0.340513	0.333971	0.942583	0.888462	2.660297	0.667942	13.86	20.7502

$dL = 20.83 \text{ \AA}$ Goniometer radio: 185 mm
Sample displacement: 0.2309 mm

*e-mail: wypych@ufpr.br