

## Supporting information

Table 3 Experimental<sup>12,27</sup> ( $MSZW_{exp}$ ) and extrapolated ( $MSZW_{extr}$ ) metastable zone widths for isonicotinamide and paracetamol in ethanol

Isonicotinamide			Paracetamol		
Cooling rate (K/hour)	$MSZW_{exp}$ (K)	$MSZW_{extr}$ (K)	Cooling rate (K/hour)	$MSZW_{exp}$ (K)	$MSZW_{extr}$ (K)
60	17.1	14.63	60	21.00	19.20
30	12.6	12.59	42	17.50	17.05
24	11.9	12.06	30	14.96	15.41
6	7.65	9.64	12	11.12	12.22

Table 4 Parameters employed in extrapolation of metastable zone widths from induction time experiments<sup>16,26</sup>

	M (g/mol)	Density ( $g/cm^{-3}$ )	$\ln AV$	$V_m$ ( $10^{-28}m^3$ )	$\sigma$ ( $mJ/m^2$ )	$\frac{1}{N^{\frac{1}{3}}}$ (kJ)	$A_s$	$B_s$	$C_s$
INA	122.12	1.204	4.504	1.684	3.347	2.603	208.941	14.472	0.0352
PAM	151.16	1.263	5.468	1.987	2.090	1.516	1.490	-2.175	0.0218

$\times 10^{-13}$

INA: Isonicotinamide, PAM: Paracetamol, M: molecular weight, Molecular weight of ethanol is 46.07 g/mol,  $\sigma$ : solid-liquid interfacial energy. Solubility parameters are estimated from solubility<sup>12,27</sup>.