

Table. S19 Effects of different brewing temperatures on dissolution duration of thearubigins in Se-BF and Se-YL.

Sample	Temperature (°C)	Curve equation	R <sup>2</sup>	t <sub>0.5</sub> (min)	t <sub>1.0</sub> (min)
Se-BF	65	$c = 0.1798\ln(t) - 0.0235$	0.9586	18.38	296.61
	75	$c = 0.2084\ln(t) - 0.0245$	0.9612	12.45	168.69
	85	$c = 0.2252\ln(t) - 0.0018$	0.9697	9.28	85.49
	100	$c = 0.2446\ln(t) + 0.038$	0.9656	6.61	51.06
Se-YL	65	$c = 0.1872\ln(t) - 0.0284$	0.9625	16.82	243.12
	75	$c = 0.2045\ln(t) + 0.0015$	0.986	11.44	31.97
	85	$c = 0.2414\ln(t) + 0.0044$	0.991	7.79	61.82
	100	$c = 0.2631\ln(t) + 0.0118$	0.9805	6.40	42.78