TAM Assistant Analysis Report
Kinetics

Model

Autocatalytic
$d[C]/dt = k([A]o - (a/c)([C]-[C]o))\,[C]$

Model Input Parameters

a/c: 1

Signal

Input

Results file path:	*C:\Users\S\Documents\Diazo\Ampoule (4-12-16) NO2 Ph-N2-OTs V2 PK1.rslt*
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.1123mmol/g

Results

Po:	12.822µW
k:	0.08781 g*s^-1*mol^-1 ± 2.7e-4 g*s^-1*mol^-1
dH:	261.4 kJ/mol ± 600 J/mol
Co:	1.79e-5 ± 2.9e-7
Standard deviation:	21.964µW
NDF:	4767

—— **Measured**   —— **Calculated**