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 (8-11-16) p NO2-Ph-N2-BF4-85.rslt**
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	4.2208mmol/g

Results

Po:	123.67µW
k:	0.06396 g*s^-1*mol^-1 ± 2.6e-4 g*s^-1*mol^-1
dH:	173.9 kJ/mol ± 370 J/mol
Co:	2.63e-4 ± 3.1e-6
Standard deviation:	21.842µW
NDF:	5144

—— **Measured**   —— **Calculated**