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 (3-18-16) NO2 Ph-N2-OTs V.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.1123mmol/g

Results

Po:	14.435μW
k:	0.07164 g*s^-1*mol^-1 ± 4.4e-4 g*s^-1*mol^-1
dH:	245.0 kJ/mol ± 800 J/mol
Co:	2.64e-5 ± 8.1e-7
Standard deviation:	15.858μW
NDF:	5476

—— **Measured**   —— **Calculated**