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:	***S:\TAM-work\Diazo\Article-Diazo-Calorim-TAMIII\2 NO2C6H4N2+ TfO- 85 Nitrogen 7-1-16.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.3424mmol/g

Results

Po:	14.684µW
k:	7.632e-4 g*s^-1*mol^-1 ± 6.9e-6 g*s^-1*mol^-1
dH:	416.4 kJ/mol ± 1.1 kJ/mol
Co:	0.00138 ± 1.7e-5
Standard deviation:	1.8466µW
NDF:	5969