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\4 NO2C6H4N2+ TsO - 85 Nitrogen 2-1-16.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.1123mmol/g

Results

Po:	4.1518µW
k:	0.1033 g*s^-1*mol^-1 ± 3.8e-4 g*s^-1*mol^-1
dH:	230.7 kJ/mol ± 640 J/mol
Co:	5.60e-6 ± 1.3e-7
Standard deviation:	10.827µW
NDF:	5786