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 (4-20-16) NO2 Ph-N2-BF4 V0.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	4.2208mmol/g

Results

Po:	168.07µW
k:	0.08023 g*s^-1*mol^-1 ± 3.3e-4 g*s^-1*mol^-1
dH:	139.3 kJ/mol ± 270 J/mol
Co:	3.56e-4 ± 3.7e-6
Standard deviation:	16.759µW
NDF:	3911