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 [Varied]

Signal

Input

Results file path:	***C:\Users\S\Documents\Diazo\Ampoule (8-22-16) o NO2-Ph-N2-OTf-80.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.3424mmol/g

Results

Po:	5.5875µW
k:	0.00110 g*s^-1*mol^-1 ± 1.4e-5 g*s^-1*mol^-1
dH:	330 kJ/mol ± 62 kJ/mol
a/c:	0.97 ± 0.18
Co:	4.6e-4 ± 8.6e-5
Standard deviation:	2.2539µW
NDF:	5869