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 (5-29-16) NO2 Ph-N2-OTs V3 PK2 Ar.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.1123mmol/g

Results

Po:	51.262µW
k:	0.0649 g*s^-1*mol^-1 ± 8.8e-4 g*s^-1*mol^-1
dH:	323.2 kJ/mol ± 2.4 kJ/mol
Co:	7.86e-5 ± 3.7e-6
Standard deviation:	61.557µW
NDF:	5341