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 (8-1-16) m-NO2 Ph-N2-OTf-85.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.3424mmol/g

Results

Po:	10.813µW
k:	0.04872 g*s^-1*mol^-1 ± 2.3e-4 g*s^-1*mol^-1
dH:	231.4 kJ/mol ± 750 J/mol
Co:	2.87e-5 ± 5.9e-7
Standard deviation:	17.903µW
NDF:	5319