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 (12-19-15) NO2 Ph-N2-Ts-75.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.1123mmol/g

Results

Po:	1.9569µW
k:	0.02894 g*s^-1*mol^-1 ± 1.2e-4 g*s^-1*mol^-1
dH:	252.6 kJ/mol ± 790 J/mol
Co:	8.60e-6 ± 2.3e-7
Standard deviation:	11.844µW
NDF:	5111