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 (3-16-16) NO2 Ph-N2-OTs V.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.1123mmol/g

Results

Po:	7.0954µW
k:	0.08410 g*s^-1*mol^-1 ± 2.8e-4 g*s^-1*mol^-1
dH:	228.0 kJ/mol ± 570 J/mol
Co:	1.19e-5 ± 2.3e-7
Standard deviation:	16.679µW
NDF:	5185