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 (4-4-16) NO2 Ph-N2-OTs V1.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.1123mmol/g

Results

Po:	34.219µW
k:	0.08815 g*s^-1*mol^-1 ± 6.6e-4 g*s^-1*mol^-1
dH:	232.8 kJ/mol ± 1.7 kJ/mol
Co:	5.36e-5 ± 1.5e-6
Standard deviation:	51.866µW
NDF:	5878