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 (3-24-16) NO2 Ph-N2-OTs V2.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.1123mmol/g

Results

Po:	17.554µW
k:	0.06765 g*s^-1*mol^-1 ± 3.7e-4 g*s^-1*mol^-1
dH:	260.8 kJ/mol ± 820 J/mol
Co:	3.20e-5 ± 8.5e-7
Standard deviation:	16.631µW
NDF:	5481