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 (5-13-16) NO2 Ph-N2-OTs V3 PK2.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.1123mmol/g

Results

Po:	14.375µW
k:	0.08601 g*s^-1*mol^-1 ± 3.6e-4 g*s^-1*mol^-1
dH:	244.1 kJ/mol ± 720 J/mol
Co:	2.20e-5 ± 4.6e-7
Standard deviation:	18.55µW
NDF:	5569