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 (4-7-16) NO2 Ph-N2-OTs V1.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.1123mmol/g

Results

Po:	31.682µW
k:	0.09176 g*s^-1*mol^-1 ± 2.6e-4 g*s^-1*mol^-1
dH:	234.6 kJ/mol ± 470 J/mol
Co:	4.73e-5 ± 5.8e-7
Standard deviation:	15.404µW
NDF:	5175