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 (2-12-16) NO2 Ph-N2-Ts-80.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.1123mmol/g

Results

Po:	2.7446µW
k:	0.05385 g*s^-1*mol^-1 ± 2.4e-4 g*s^-1*mol^-1
dH:	232.4 kJ/mol ± 750 J/mol
Co:	7.05e-6 ± 2.0e-7
Standard deviation:	24.648µW
NDF:	4659