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 (12-19-15) NO2 Ph-N2-Ts-75.rslt*

Measurement signal: Data series.Signal
Mass: 10mg
[A]o: 3.1123mmol/g

Results

Po: 1.9569µW
k: 0.02894 g*s^-1*mol^-1 ± 1.2e-4 g*s^-1*mol^-1
dH: 252.6 kJ/mol ± 790 J/mol
Co: 8.60e-6 ± 2.3e-7
Standard deviation: 11.844µW
NDF: 5111

―― **Measured**   ―― **Calculated**