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 (12-16-15)***
                                                     NO2-Ph-N2-BF4-75.rslt
Measurement signal: Data series.Signal
Mass: 10mg
[A]o: 4.2208mmol/g

Results

Po: 39.241µW
k: 0.01860 g*s^-1*mol^-1 ± 7.1e-5 g*s^-1*mol^-1
dH: 173.1 kJ/mol ± 350 J/mol
Co: 2.888e-4 ± 2.9e-6
Standard deviation: 8.3147µW
NDF: 4676

—— **Measured**   —— **Calculated**