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 (8-4-16) m-NO2 Ph-N2-OTf-85.rslt***

Measurement signal: Data series.Signal
Mass: 10mg
[A]o: 3.3424mmol/g

Results

Po: 2.9152μW
k: 0.03994 g*s^-1*mol^-1 ± 1.1e-4 g*s^-1*mol^-1
dH: 225.9 kJ/mol ± 460 J/mol
Co: 9.67e-6 ± 1.5e-7
Standard deviation: 8.1925μW
NDF: 5529

—— **Measured**   —— **Calculated**