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 (8-14-16) p
                                      NO2-Ph-N2-OTf-85.rslt*

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

Results

Po: 28.829μW
k: 0.1699 g*s^-1*mol^-1 ± 5.4e-4 g*s^-1*mol^-1
dH: 219.1 kJ/mol ± 500 J/mol
Co: 2.32e-5 ± 3.5e-7
Standard deviation: 34.515μW
NDF: 4902

—— **Measured**   —— **Calculated**