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 (12-25-15)***
                                              CH3O-Ph-N2-Tf-75.rslt

Measurement signal: Data series.Signal
Mass: 10mg
[A]o: 3.5185mmol/g

Results

Po: 1.4768μW
k: 0.002077 g*s^-1*mol^-1 ± 9.6e-6 g*s^-1*mol^-1
dH: 183.1 kJ/mol ± 510 J/mol
Co: 1.10e-4 ± 1.7e-6
Standard deviation: 1.2176μW
NDF: 5848