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 (4-21-16) CH3O-Ph-N2-OTf-85 V0.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	456µmol/g

Results

Po:	58.87µW
k:	0.04491 g*s^-1*mol^-1 ± 3.8e-4 g*s^-1*mol^-1
dH:	1.068 MJ/mol ± 1.9 kJ/mol
Co:	2.69e-4 ± 2.9e-6
Standard deviation:	2.5019µW
NDF:	5618