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 (2-15-16) CH3O-Ph-N2-Tf-80.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.5185mmol/g

Results

Po:	3.1995µW
k:	0.004436 g*s^-1*mol^-1 ± 3.4e-5 g*s^-1*mol^-1
dH:	183.2 kJ/mol ± 810 J/mol
Co:	1.12e-4 ± 2.6e-6
Standard deviation:	2.5793µW
NDF:	5963