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 (1-21-16) NO2 Ph-N2-BF4-85.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	4.2208mmol/g

Results

Po:	180.42µW
k:	0.07212 g*s^-1*mol^-1 ± 2.3e-4 g*s^-1*mol^-1
dH:	146.8 kJ/mol ± 290 J/mol
Co:	4.037e-4 ± 2.8e-6
Standard deviation:	7.6855µW
NDF:	5944