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 (12-22-15) NO2 Ph-N2-Tf-75.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.3424mmol/g

Results

Po:	899.45nW
k:	0.03156 g*s^-1*mol^-1 ± 8.9e-5 g*s^-1*mol^-1
dH:	199.6 kJ/mol ± 420 J/mol
Co:	4.27e-6 ± 8.1e-8
Standard deviation:	7.2242µW
NDF:	5076