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 (4-9-16) NO2 Ph-N2-OTs V2 PK1.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.1123mmol/g

Results

Po:	11.299µW
k:	0.08107 g*s^-1*mol^-1 ± 2.9e-4 g*s^-1*mol^-1
dH:	229.3 kJ/mol ± 610 J/mol
Co:	1.95e-5 ± 3.7e-7
Standard deviation:	18.528µW
NDF:	5212