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 (5-19-16) NO2 Ph-N2-OTs V3 PK2.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.1123mmol/g

Results

Po:	7.8193µW
k:	0.08139 g*s^-1*mol^-1 ± 1.7e-4 g*s^-1*mol^-1
dH:	225.5 kJ/mol ± 540 J/mol
Co:	1.37e-5 ± 1.5e-7
Standard deviation:	17.294µW
NDF:	5261