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 (8-18-16) m NO2-Ph-N2-OTf-80.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.3424mmol/g

Results

Po:	1.0965µW
k:	0.01958 g*s^-1*mol^-1 ± 4.7e-5 g*s^-1*mol^-1
dH:	230.4 kJ/mol ± 420 J/mol
Co:	7.27e-6 ± 1.1e-7
Standard deviation:	4.7371µW
NDF:	5691