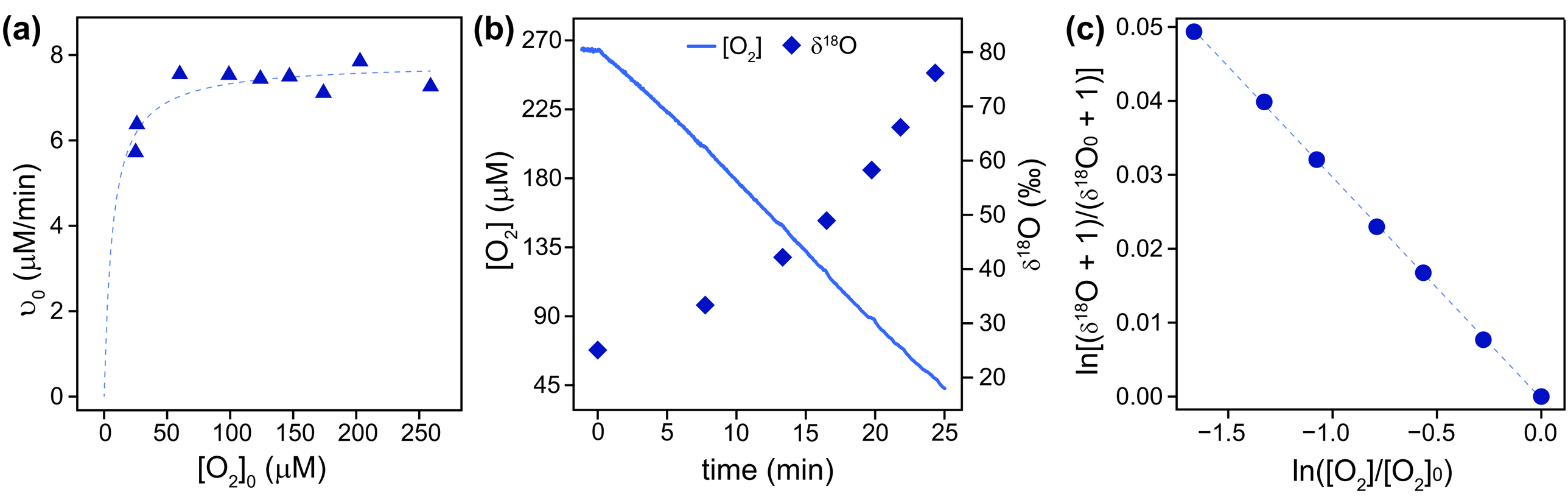
(a)
υ0 (μM/min)
[O2]0 (μM)
0
2
4
6
8
0
50
100
150
200
250
(b)
[O2] (μM)
δ18O (‰)
time (min)
[O2]
δ18O
270
225
180
135
90
45
80
70
60
50
40
30
20
0
5
10
15
20
25
(c)
ln[(δ18O + 1)/(δ18O0 + 1)]
ln([O2]/[O2]0)
0.05
0.04
0.03
0.02
0.01
0.00
−1.5
−1.0
−0.5
0.0