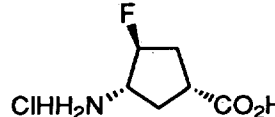
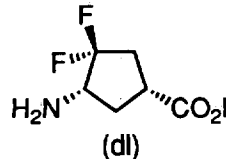
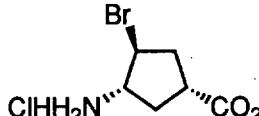
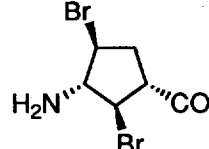
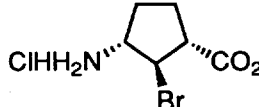
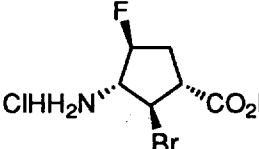
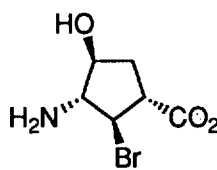
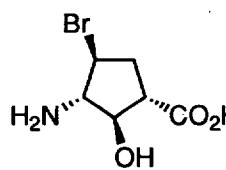
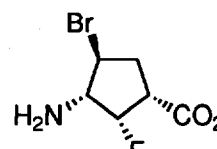
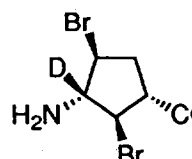
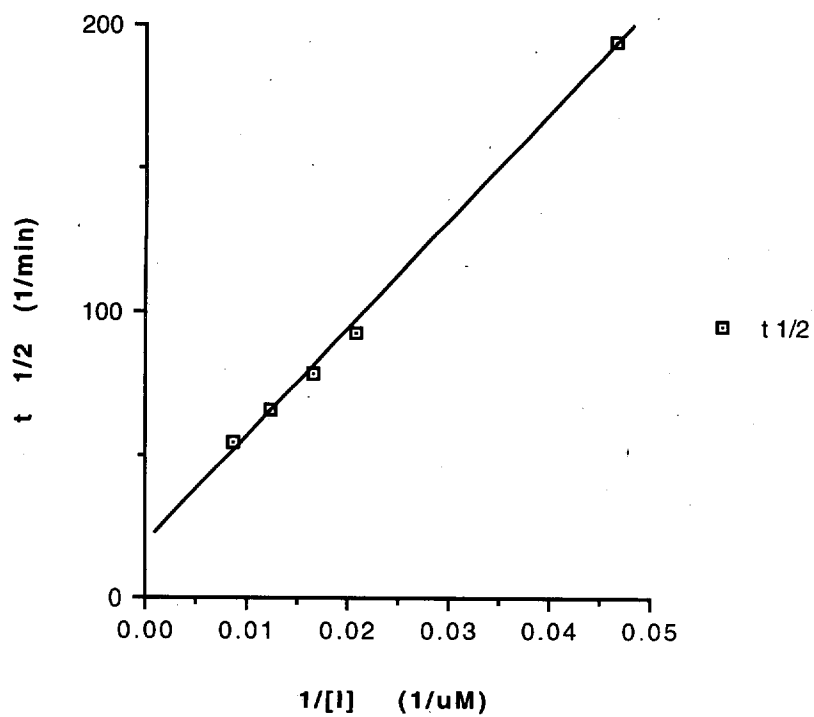
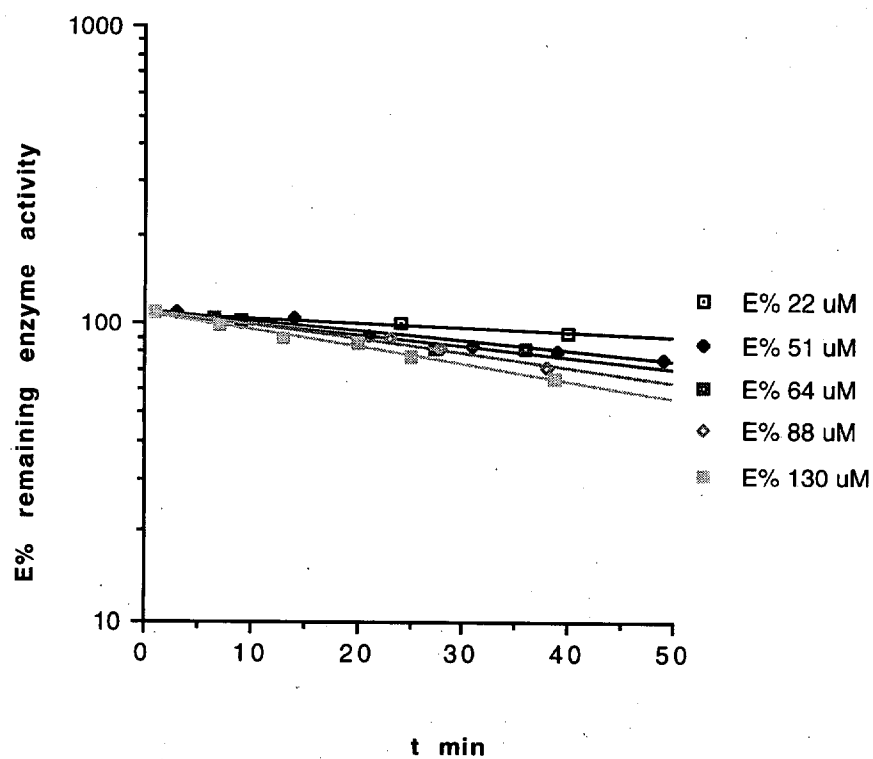
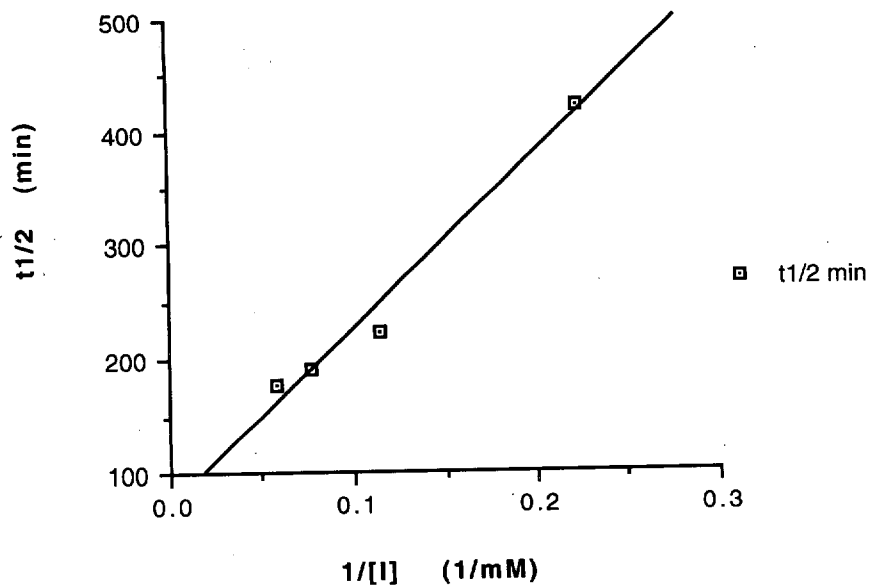
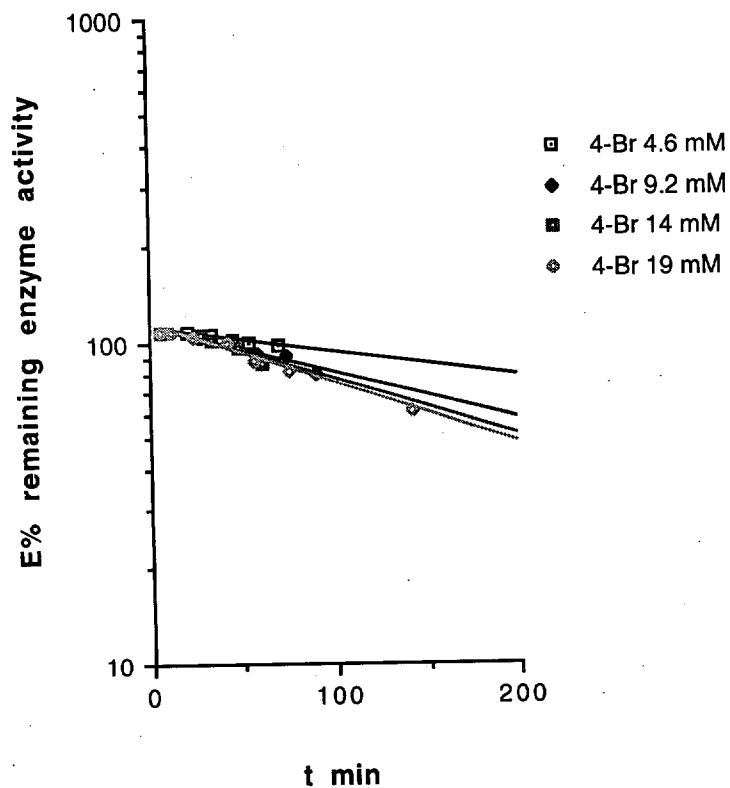


	Formula	Calculated				Found			
		C%,	H%	N%	F%	C%,	H%	N%	F%
 <chem>ClC[C@H]1C[C@@H](C(=O)O)[C@H](F)C1</chem> (+)-7	$C_6H_{10}FO_2N\ HCl$	39.25	6.04	7.63	10.35	39.69	6.16	7.63	10.20
 <chem>N[C@H]1C[C@@H](C(=O)O)[C@H](F)[C@H]1F</chem> (d,l)-8	$C_6H_9F_2O_2N$	43.64	5.49	8.48		43.30	5.42	8.39	
 <chem>ClC[C@H]1C[C@@H](C(=O)O)[C@H](Br)C1</chem> (-)-9	$C_6H_{10}BrO_2N\ HCl$	29.47	4.53	5.73		29.53	4.57	5.70	
 <chem>N[C@H]1C[C@@H](C(=O)O)[C@H](Br)[C@H]1Br</chem> (+)-10	$C_6H_9Br_2O_2N$	25.11	3.16	4.88		25.31	3.20	4.95	
 <chem>ClC[C@H]1C[C@@H](C(=O)O)[C@H](Br)C1</chem> (d,l)-11	$C_6H_{10}BrO_2N\ HCl\ (H_2O)_{0.4}$	28.62	4.73	5.56		28.60	4.84	5.70	
 <chem>ClC[C@H]1C[C@@H](C(=O)O)[C@H](Br)[C@H]1F</chem> (+)-12	$C_6H_9BrFO_2N\ HCl$	27.45	3.84	5.34		27.33	3.96	5.26	
 <chem>N[C@H]1C[C@@H](C(=O)O)[C@H](Br)[C@H]1O</chem> (d,l)-13	$C_6H_{10}BrO_3N\ HCl\ (H_2O)_{0.75}$	26.30	4.59	5.11		26.27	4.48	4.85	
 <chem>N[C@H]1C[C@@H](C(=O)O)[C@H](Br)[C@H]1O</chem> (d,l)-14	$C_6H_{10}BrO_3N\ HCl\ (H_2O)_{0.65}$	26.47	4.55	5.14		26.47	4.48	5.10	
 <chem>N[C@H]1C[C@@H](C(=O)O)[C@H](Br)[C@H]1F</chem> (+)-15	$C_6H_9BrFO_2N$	31.88	4.01	6.20		32.11	4.13	6.16	
 <chem>N[C@H]1C[C@@H](C(=O)O)[C@H](Br)[C@H]1Br</chem> (d,l)-61	$C_6H_8DBr_2O_2N$	25.03	3.50	4.86		25.36	3.30	4.99	

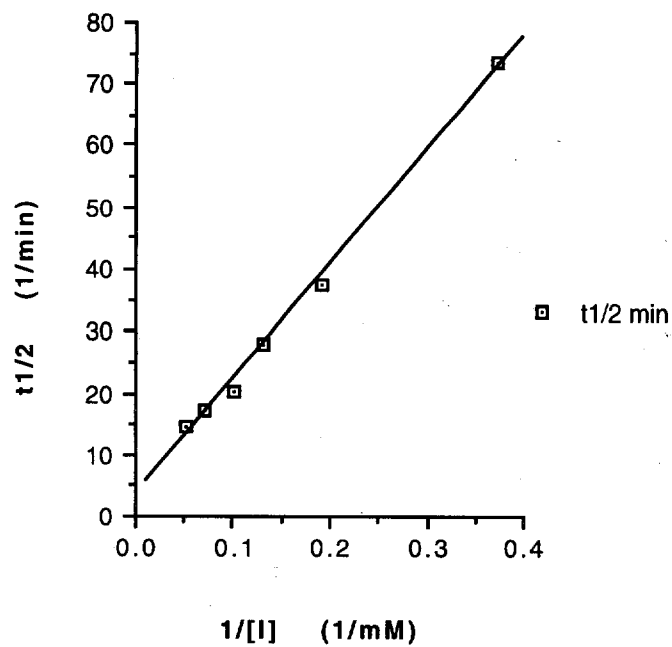
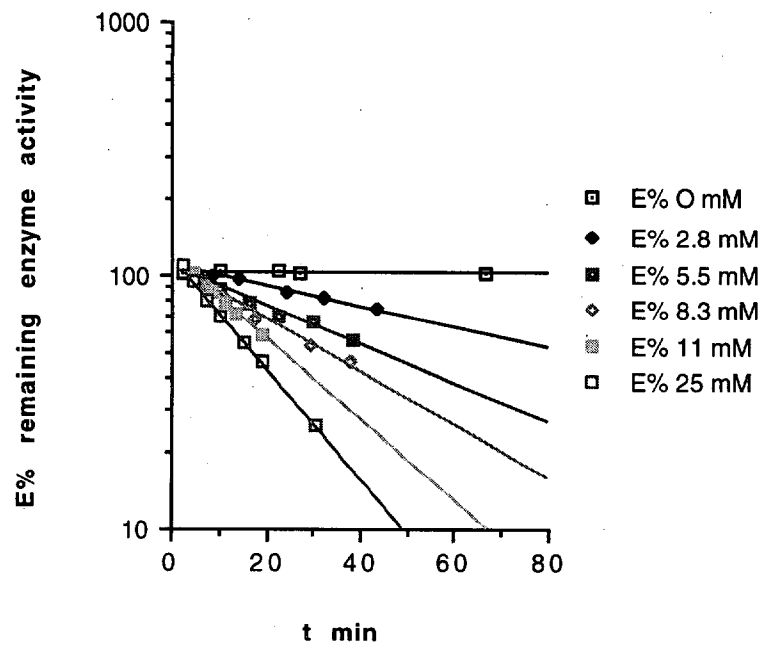
Time-dependent inactivation test of (+)-7



Time-dependent inactivation of (-)-9

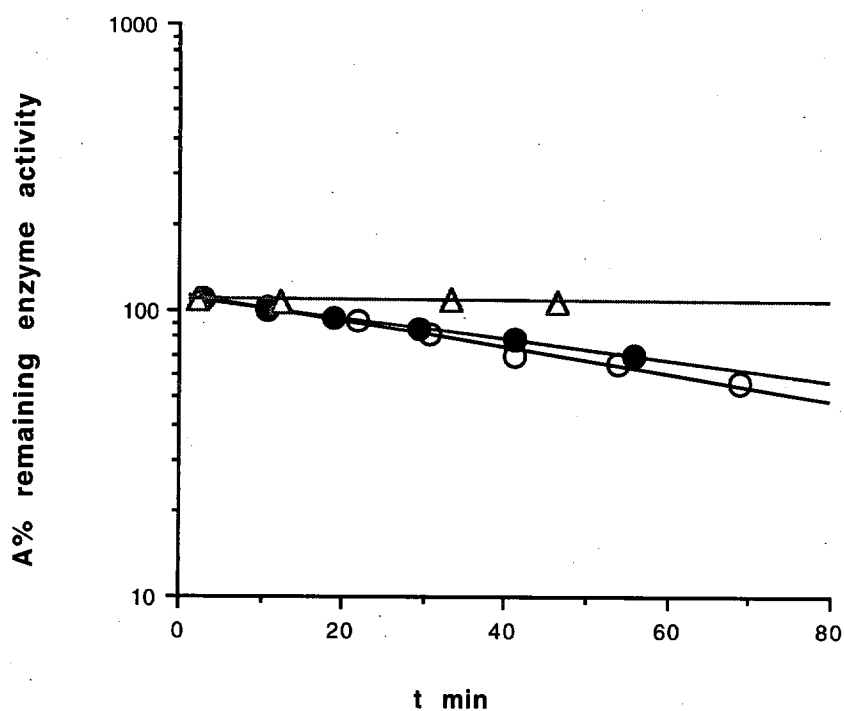


(+)-10 inactivation test



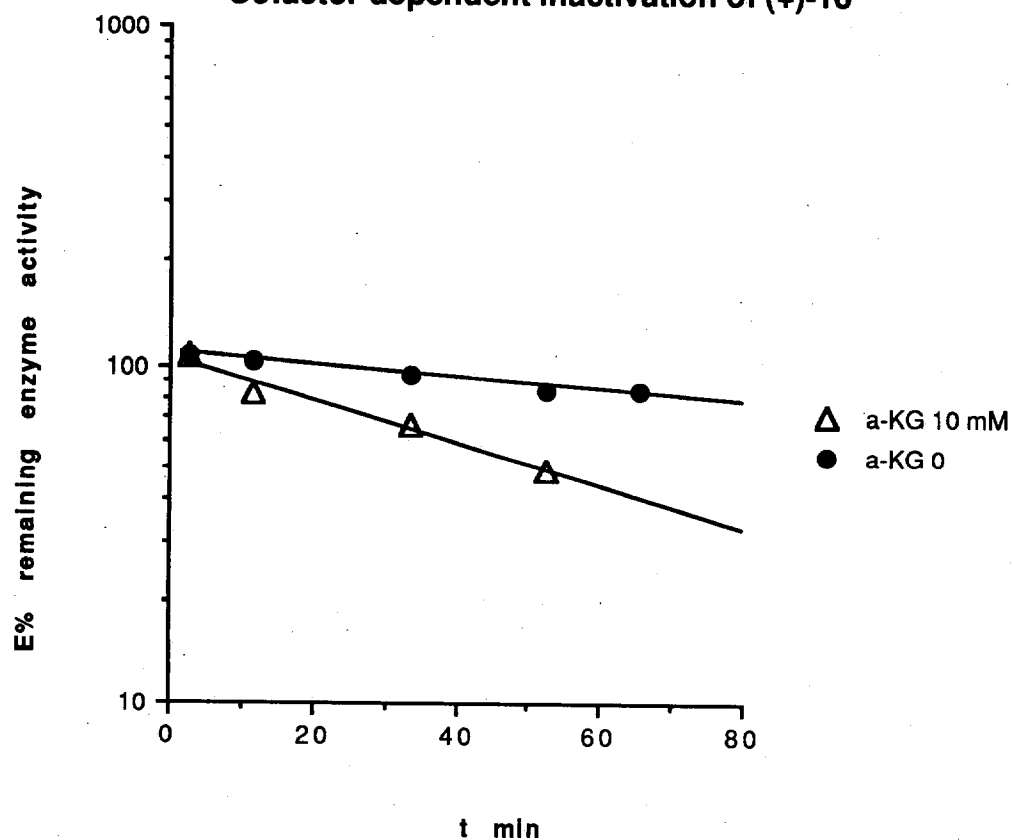
(+)-10 inactivation test

Substrate protection experiments of (+)-10



- △ GABA-AT with 12.2 mM (+)-10, 10 mM α -ketoglutarate, 5.1 mM GABA
● GABA-AT with 12.2 mM (+)-10, 10 mM α -ketoglutarate, 0.6 mM GABA
○ GABA-AT with 12.2 mM (+)-10 and 10 mM α -ketoglutarate

Cofactor dependent inactivation of (+)-10



Δ GABA-AT with 20 mM (+)-10 and 10 mM α -ketoglutarate

$\bullet$ GABA-AT with 20 mM (+)-10 and 0 mM α -ketoglutarate

Time-dependent inactivation test of (+)-15

