

**TABLE 8.5**  $K_M$  values of some enzymes

Enzyme	Substrate	$K_M(\mu\text{M})$
Chymotrypsin	Acetyl-L-tryptophanamide	5000
Lysozyme	Hexa- <i>N</i> -acetylglucosamine	6
$\beta$ -Galactosidase	Lactose	4000
Threonine deaminase	Threonine	5000
Carbonic anhydrase	$\text{CO}_2$	8000
Penicillinase	Benzylpenicillin	50
Pyruvate carboxylase	Pyruvate	400
	$\text{HCO}_3^-$	1000
	ATP	60
Arginine-tRNA synthetase	Arginine	3
	tRNA	0.4
	ATP	300