

Contents

1	Introduction to synthesis	1
2	Retrosynthetic analysis I: The basic concepts	6
3	Retrosynthetic analysis II: Latent polarity and FGIs	15
4	Retrosynthetic analysis III: Strategy and planning	34
5	Selectivity I: Chemoselectivity and protecting groups	39
6	Selectivity II: Regioselectivity	52
7	Selectivity III: Stereoselectivity	68
8	Selected organic syntheses	74
	Glossary	88
	Index	92