

# Hit, Lead or Pre-clinical Candidate?

	Hit	Lead series	Pre-clinical candidate
<i>in vitro</i> activity	✓	✓	✓
<i>in vivo</i> activity		✓	✓
SAR trends		✓	✓
Known mechanism of action		✓	✓
Pharmacokinetic profile		✓	✓
Acceptable estimated daily dose			✓
Selectivity: related systems		✓	✓
Selectivity: wide range systems			✓
Acceptable Cyp450 profile			✓
Physical properties: Mol wt, logP		✓	✓
Solubility			✓
Chemically tractable		✓	✓
Synthetic routes		✓	✓
Clean in early tox (e.g. 7 day rat)			✓

# Chibale Group Malaria Research: 2004

