

Codex[®] MicroCyp[®] Enzymes

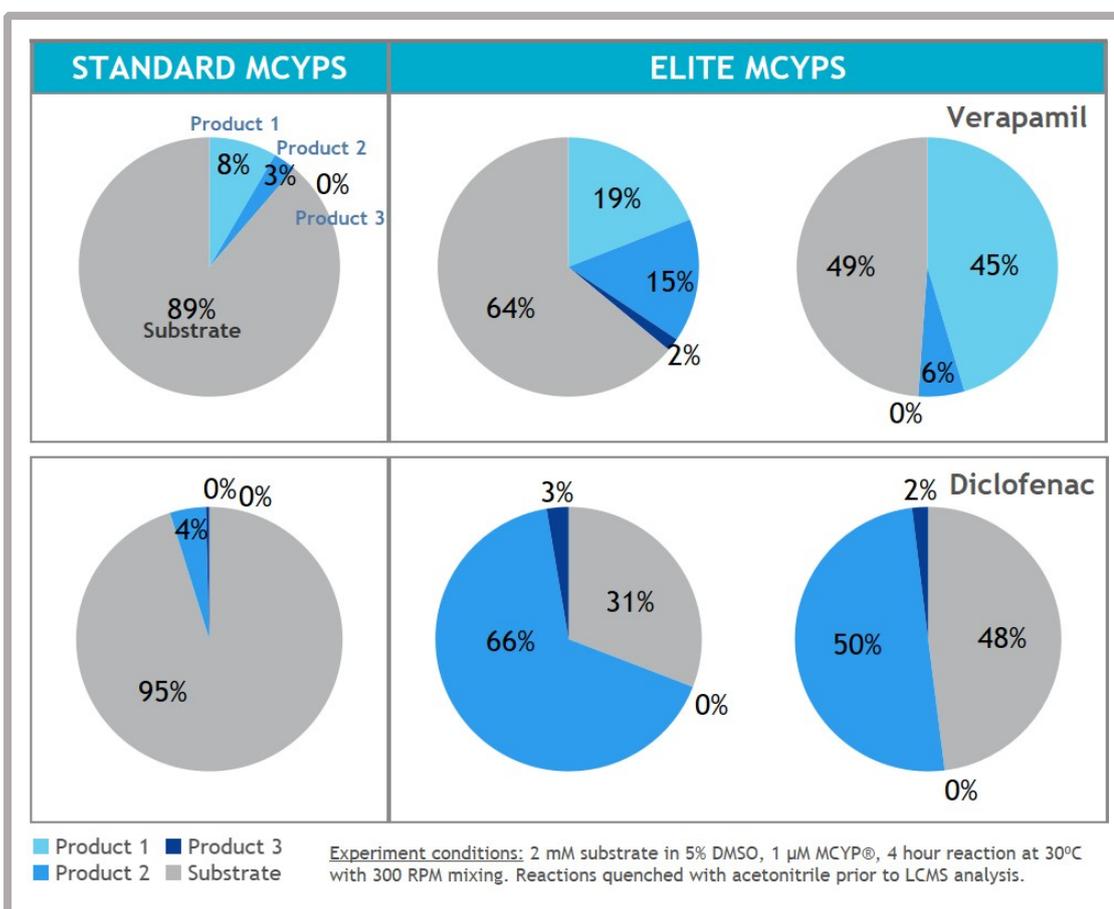
Increased performance for metabolite production and lead diversification

CODEX[®] Standard MicroCyp[®] and Elite MicroCyp[®]

Codex[®] Standard MicroCyp[®] (MCYP[®]) enzymes have been at the forefront of the P450 enzyme market space for more than a decade. They offer a simple approach to functionalize compounds for mammalian-type metabolite production or lead diversification. Conveniently arrayed in a 24-well plate for either robotic or manual manipulation, the product is a userfriendly tool for medicinal chemists and development scientists to generate new molecules and metabolites for their work.

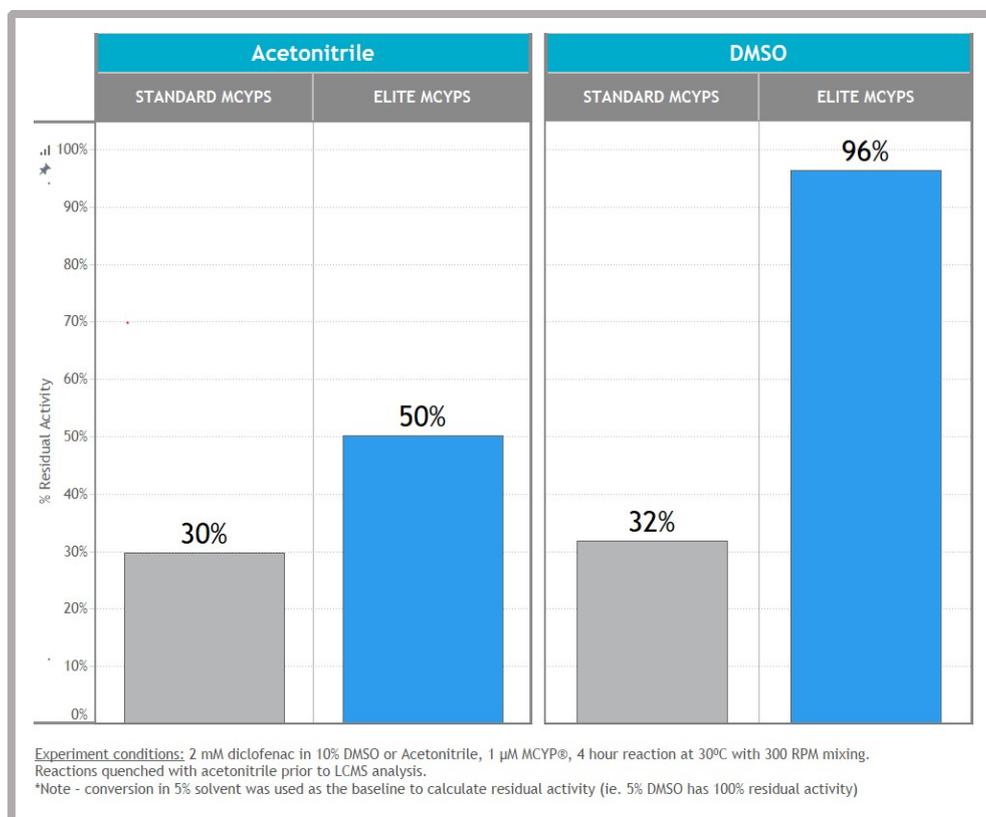
Codex[®] Elite MicroCyp[®] enzymes, were developed using our CodeEvolver[®] technology platform, and are improved over our Standard MicroCyp[®] enzymes. The Elite MicroCyps are more active, have increased stability in polar aprotic solvents for screening substrates with solubility issues, and show greater substrate promiscuity. These attributes make the Elite MicroCyps[®] a valuable option, especially where novel compounds or larger quantities are required.

Comparison data of Standard MCYP[®] and Elite MCYP[®]

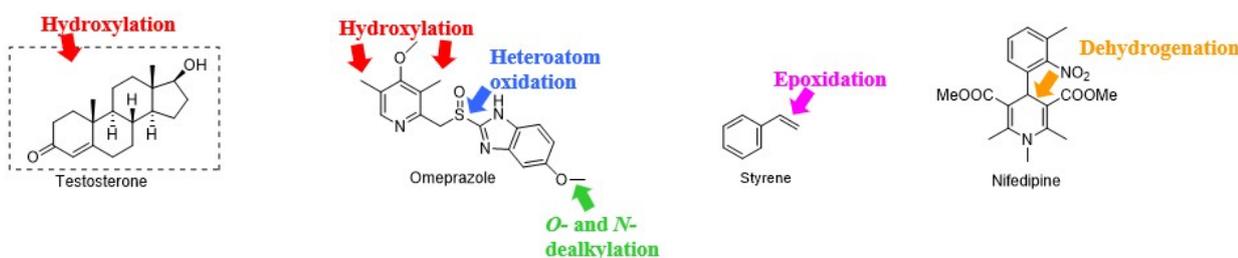


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Reactivity Examples



Product Offering

We offer two MCYP[®] kits including follow-on quantities of every enzyme in the kit for rapid scale-up.

| FEATURE | ELITE MCYP [®] KIT | STANDARD MCYP [®] KIT |
|------------------------------------|-----------------------------|--------------------------------|
| Catalog # | MCYP-0363 KIT | MCYP-0361 KIT |
| Format (# of enzymes per kit) | 11 | 23 |
| Enzyme concentration (μM per well) | 6 | 6 |
| # of screens per kit | 2 | 1 |