

Codex[®] MicroCyp[®] Enzymes

Increased performance for metabolite production and lead diversification

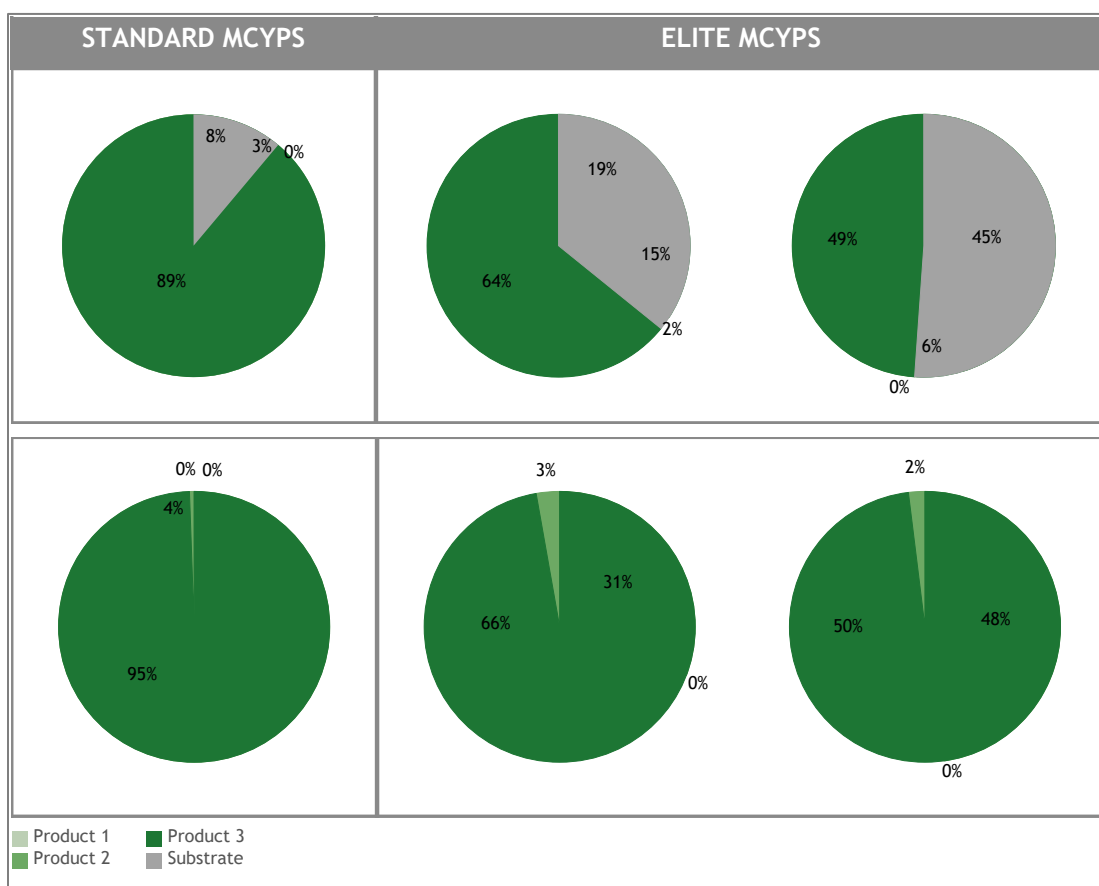
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Codex[®] MicroCyp[®] and Elite MicroCyp[®]

Codex[®] MicroCyp[®] (MCY) enzymes have been at the forefront of the P450 enzyme market space for almost 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 user-friendly tool for medicinal chemists and development scientists to generate new molecules and metabolites for their work.

The Codex[®] Elite MicroCyp[®] enzymes, developed using the CodeEvolver[®] technology platform, are more active than the Standard MicroCyp[®] enzymes yielding more product due to conversion, have increased stability in polar aprotic solvents for screening substrates with solubility issues, and show greater substrate promiscuity making them a valuable option, especially where novel compounds or larger quantities are required.

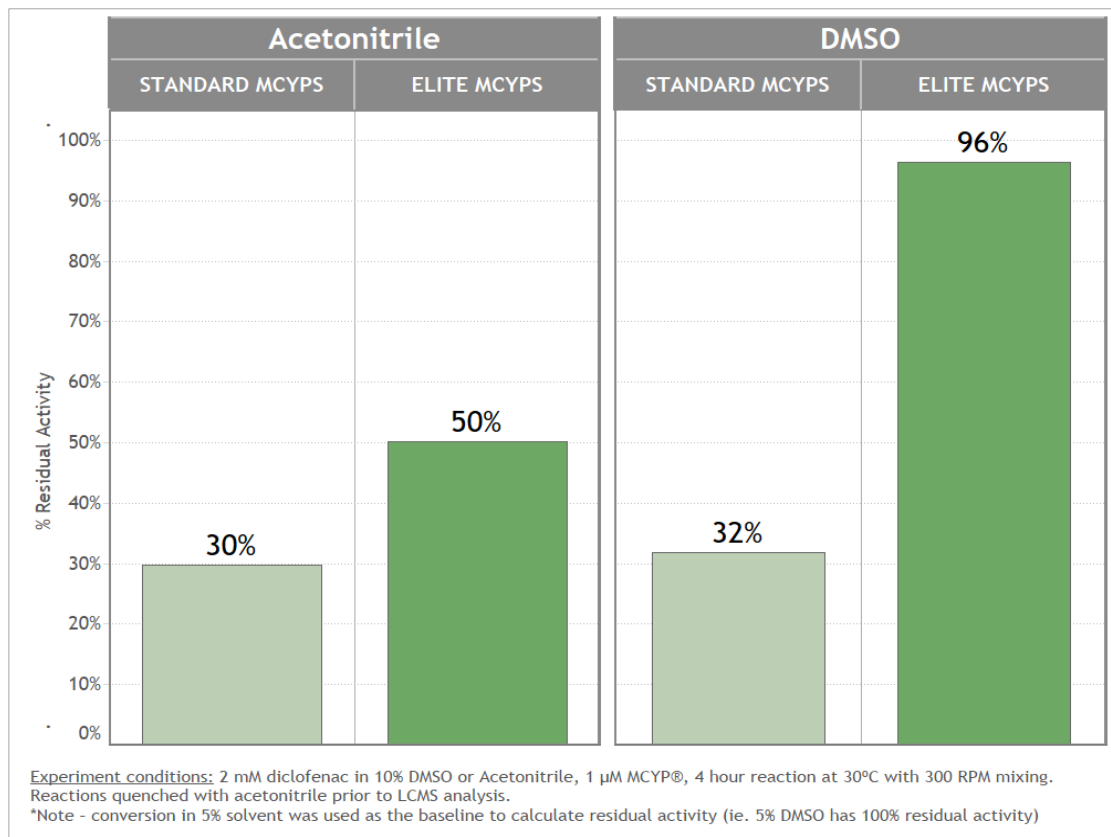
Comparison data of Standard MCYP[®] and Elite MCYP[®]



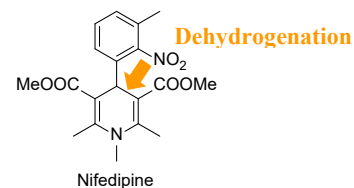
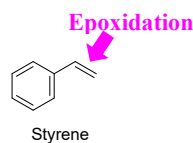
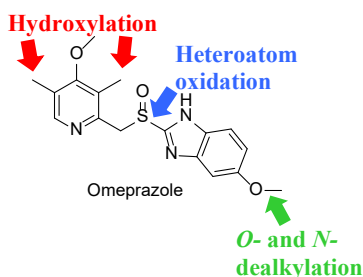
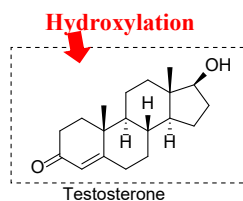
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Reactivity examples



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 (μ M per well)	6	6
# of screens per kit	2	1

**For more information on Codex[®] MicroCyp[®] and Elite MicroCyp[®] enzymes, please [click here](#).
You may also contact us at sales@codexis.com.**