

# Codex<sup>®</sup> MicroCyp<sup>®</sup> Enzymes

Increased performance for metabolite production and lead diversification

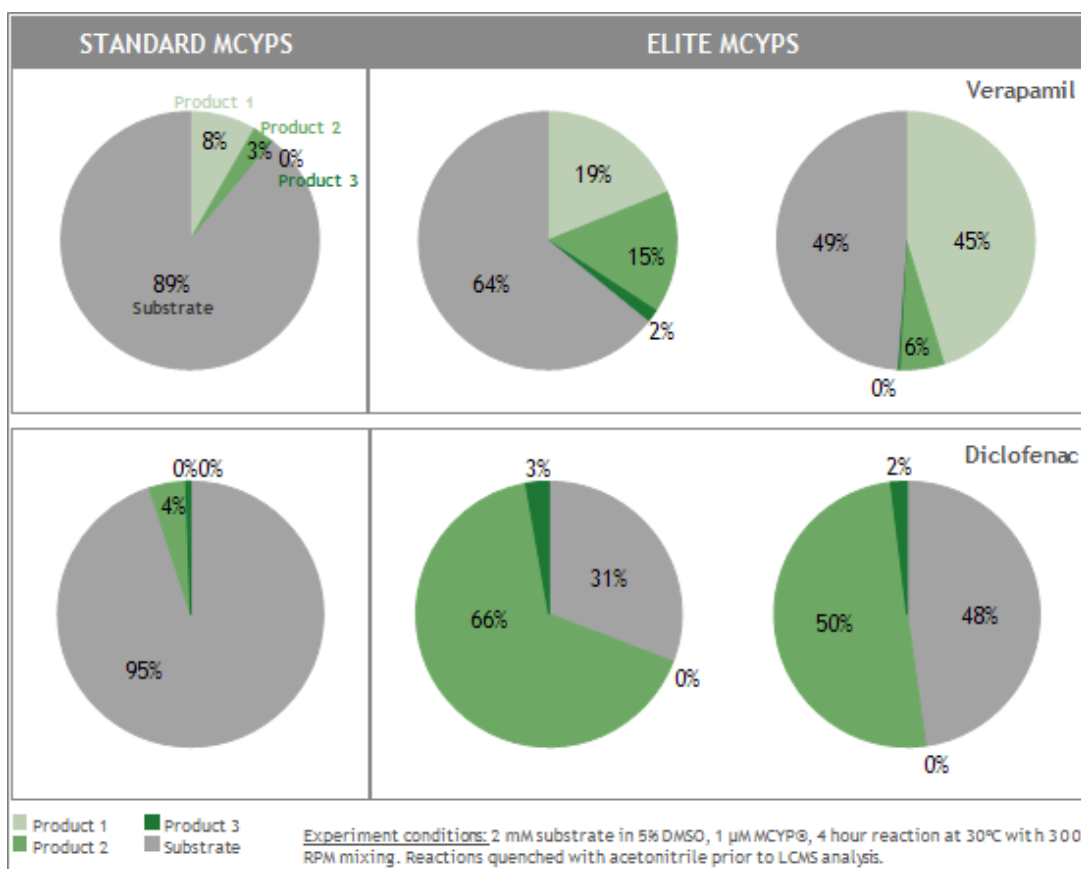
2021-03-23 | page 1 of 2

## Codex<sup>®</sup> MicroCyp<sup>®</sup> and Elite MicroCyp<sup>®</sup>

**Codex<sup>®</sup> MicroCyp<sup>®</sup> (MCYP<sup>®</sup>) 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<sup>®</sup> Elite MicroCyp<sup>®</sup> enzymes**, developed using the CodeEvolver<sup>®</sup> technology platform, are more active than the Standard MicroCyp<sup>®</sup> 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.

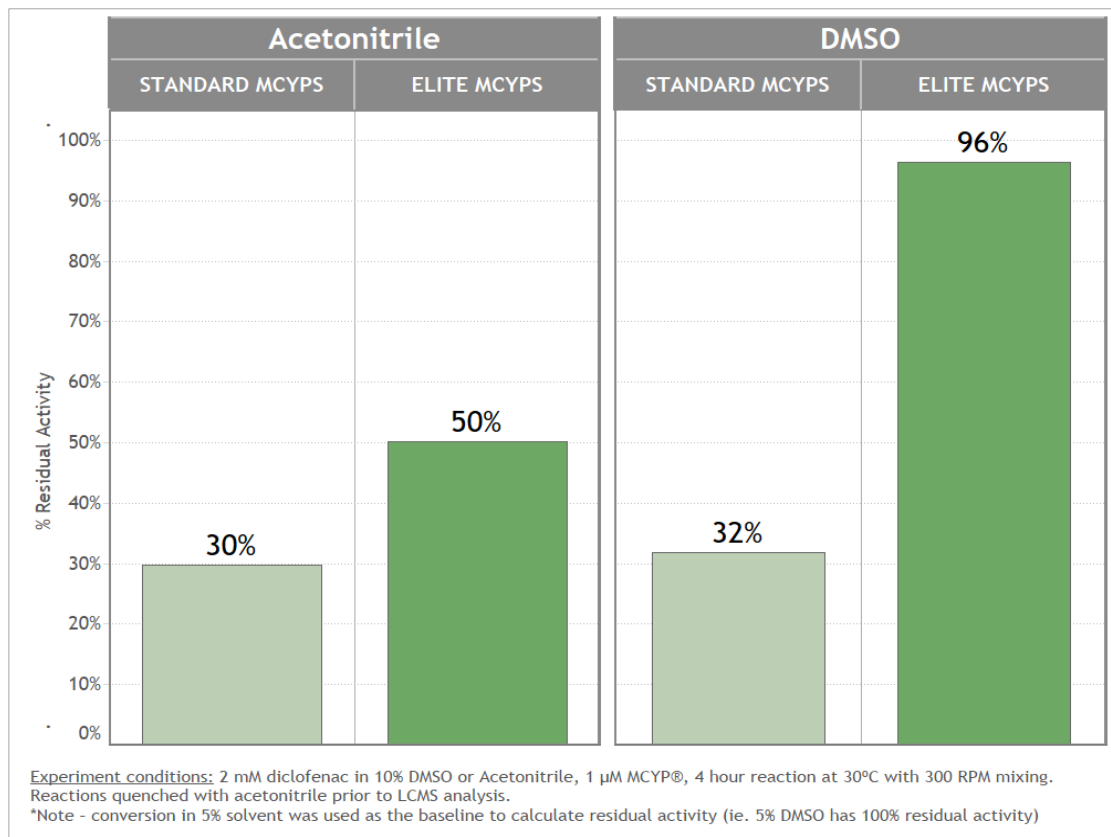
## Comparison data of Standard MCYP<sup>®</sup> and Elite MCYP<sup>®</sup>



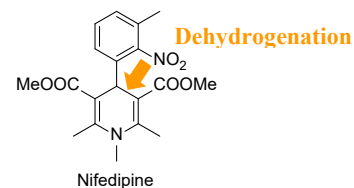
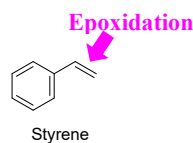
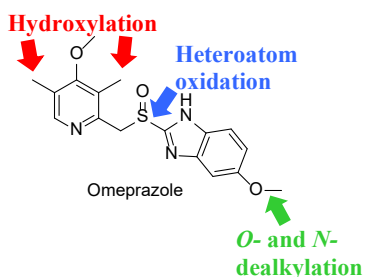
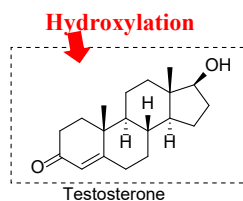
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2021-03-23 | page 2 of 2



## Reactivity examples



## Product offering

We offer two MCYP<sup>®</sup> kits including follow-on quantities of every enzyme in the kit for rapid scale-up.

FEATURE	ELITE MCYP <sup>®</sup> KIT	STANDARD MCYP <sup>®</sup> 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

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