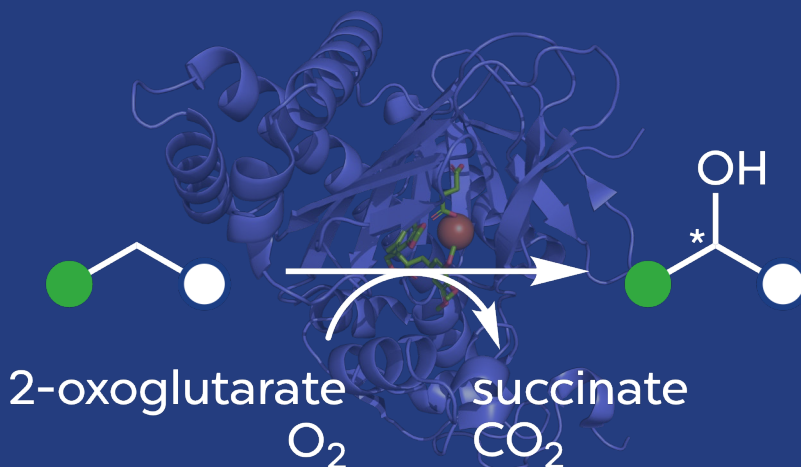


2-OXOGLUTARATE DEPENDENT DIOXYGENASES

**BIOCATALYTIC HYDROXYLATION AND C-H
ACTIVATION OF DIVERSE COMPOUNDS**



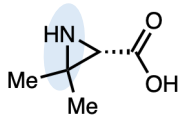
AN ENZYME PANEL SELECTED BASED ON OVER 10 YEARS OF EXPERIENCE



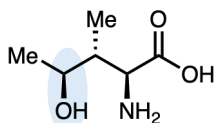
Distinct 2ODD
biocatalysts ready to
screen

Free from third-party IP
and no Nagoya
protocol restrictions

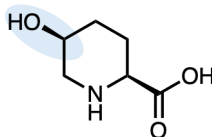
EXAMPLE REACTIONS AND PRODUCTS



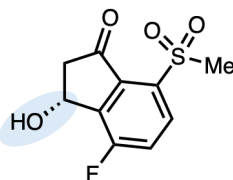
Amino acid
modification



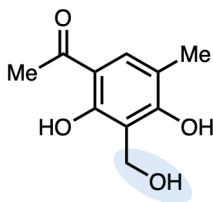
Amino acid
hydroxylation



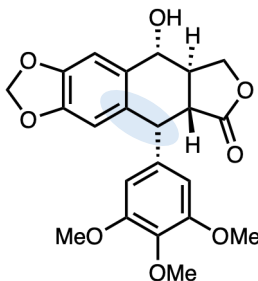
Heterocycle
hydroxylation



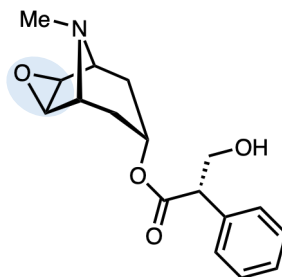
Carbocycle
hydroxylation



Benzylic
hydroxylation



C–C bond
formation



C–C bond
epoxidation

Zwick et al. *ACS Catal.* **2023**, 13, 4853–4865. DOI: 10.1021/acscatal.3c00424
DiRocco et al. *Org. Proc. Res. Dev.* **2024**, 28, 404–412. DOI: 10.1021/acs.oprd.3c00408
Lazzarotto et al. *Angew. Chem. Int. Ed.* **2019**, 58, 8226–8230. DOI: 10.1002/anie.201900926

ASK US ABOUT POSSIBLE PANEL ACCESS OPTIONS!

