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THE DISTILLERY

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
Staurosporine analogs (staralogs) with improved selectivity toward analog-sensitive kinases	Staralogs could expand approaches to study kinase function using analog-sensitive kinase variants. Kinase variants with genetically engineered sensitivity to ATP analogs have been used in functional studies, but in some cases the ATP analogs also inhibit wild-type and unrelated kinases. In cultured cells, staralogs inhibited analog-sensitive variants of EPH receptor A4 (EPHA4), pyruvate dehydrogenase kinase 1 (PDK1) and ret proto-oncogene (RET) kinases but not their wild-type counterparts. Next steps include developing staurosporine analogs and analog-sensitive kinases for use in animal studies.	Patented; licensing status unavailable	Lopez, M.S. *et al. J. Am. Chem. Soc.*; published online Oct. 30, 2013; doi:10.1021/ja408704u **Contact:** Kevan M. Shokat, University of California, San Francisco, Calif. e-mail: kevan.shokat@ucsf.edu

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