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ROYAL SOCIETY OF CHEMISTRY

COMMUNICATION

Sofia I. Pascu, Yun-Bao Jiang, Tony D. James *et al.*
Synthesis and evaluation of a boronate-tagged 1,8-naphthalimide probe for fluoride recognition

Organic & Biomolecular Chemistry

An international journal of synthetic, physical and biomolecular organic chemistry

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Cover
See Sofia I. Pascu, Yun-Bao Jiang, Tony D. James *et al.*, pp. 4143–4148.

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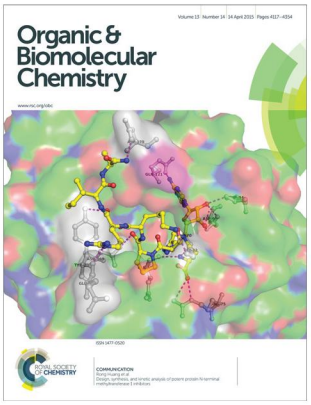

Inside cover
See Rong Huang *et al.*, pp. 4149–4154.

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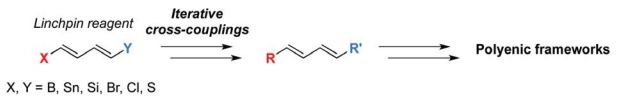
REVIEW



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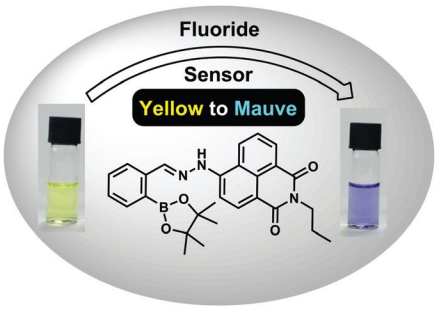

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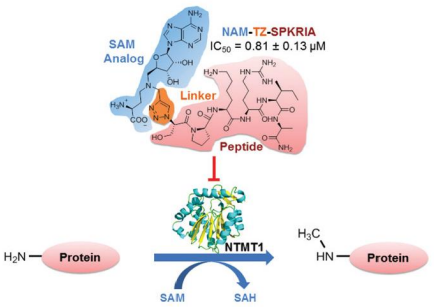

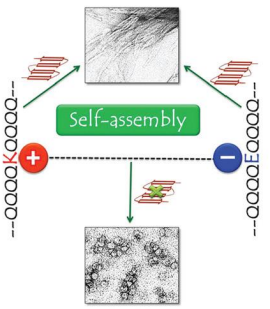

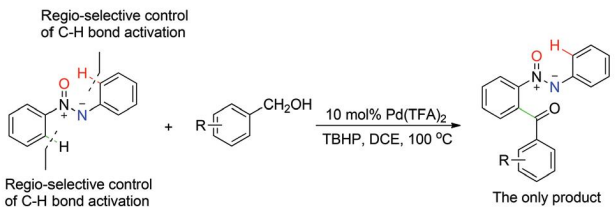

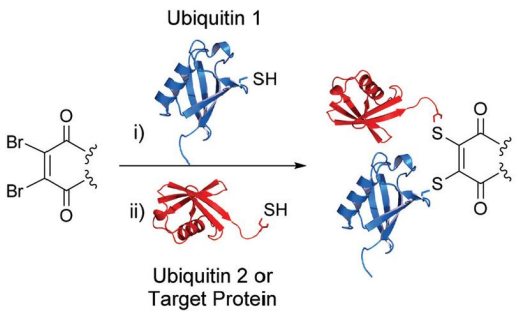

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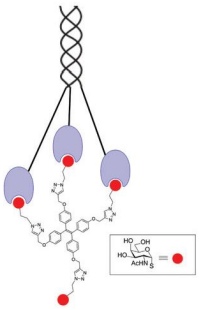

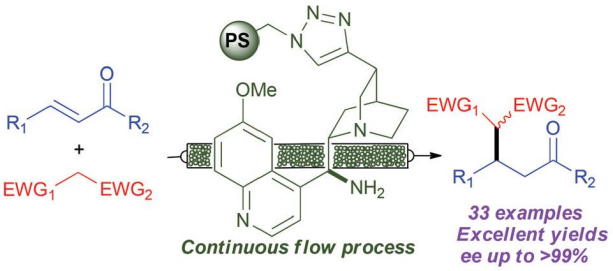

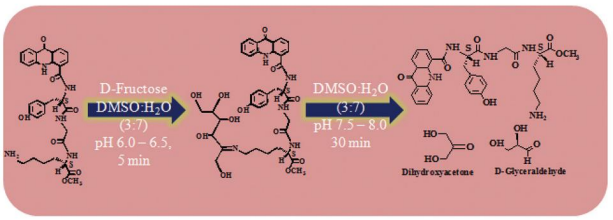

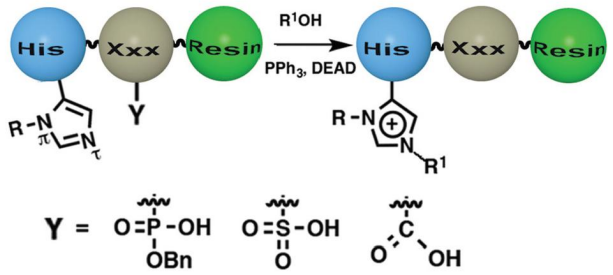

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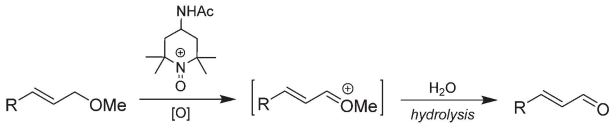

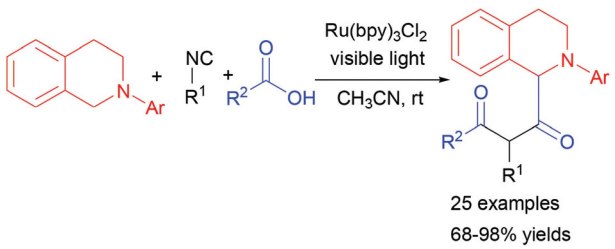

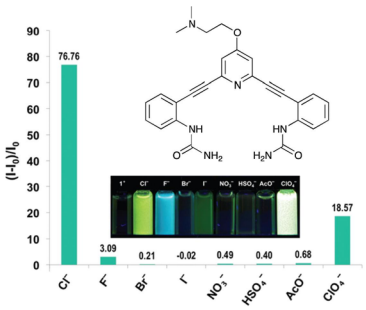

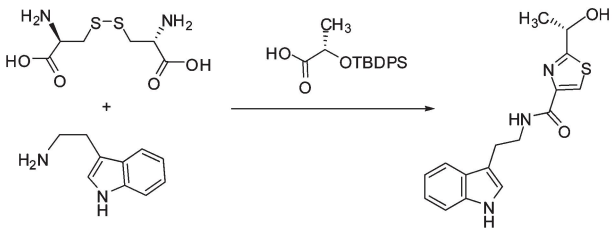

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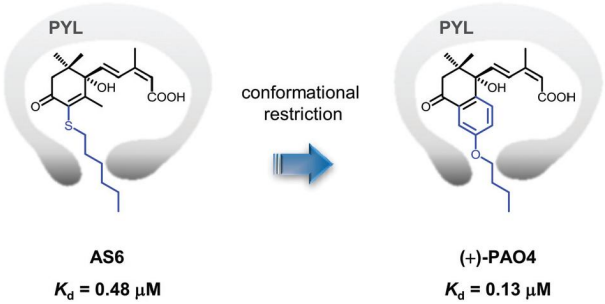
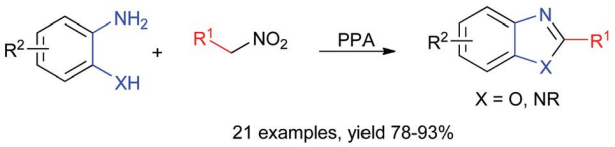


Conformationally restricted 3′-modified ABA analogs for controlling ABA receptors

Jun Takeuchi, Toshiyuki Ohnishi, Masanori Okamoto and Yasushi Todoroki*

(+)-PAO4 is a conformationally restricted analog of AS6 that was synthesized to improve the affinity for PYL proteins.

4289



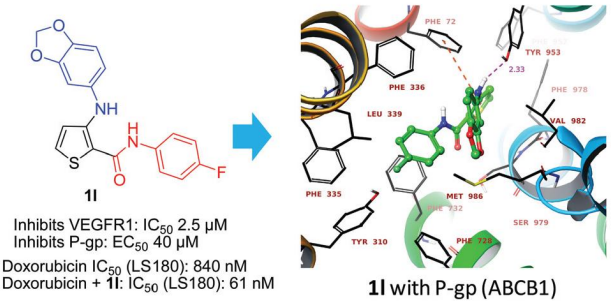
21 examples, yield 78-93%

Benzimidazoles and benzoxazoles *via* the nucleophilic addition of anilines to nitroalkanes

Alexander V. Aksenov,* Alexander N. Smirnov, Nicolai A. Aksenov, Asiyat S. Bijieva, Inna V. Aksenova and Michael Rubin*

PPA-induced umpolung triggers efficient nucleophilic addition of unactivated anilines to nitroalkanes to afford benzoxazoles and benzimidazoles.

4296

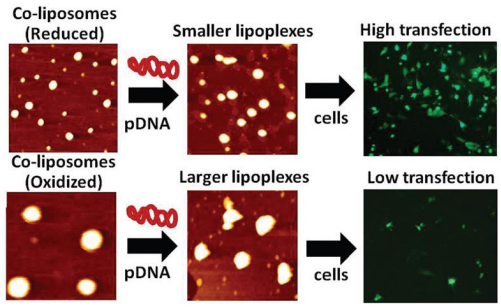


3-(Benzo[*d*][1,3]dioxol-5-ylamino)-*N*-(4-fluorophenyl)thiophene-2-carboxamide overcomes cancer chemoresistance *via* inhibition of angiogenesis and P-glycoprotein efflux pump activity

Ramesh Mudududdla, Santosh K. Guru, Abubakar Wani, Sadhana Sharma, Prashant Joshi, Ram A. Vishwakarma, Ajay Kumar,* Shashi Bhushan* and Sandip B. Bharate*

Thiophene-2-carboxamides displayed dual inhibition of angiogenesis and P-gp efflux pumps.

4310



Efficacious redox-responsive gene delivery in serum by ferrocenylated monomeric and dimeric cationic cholesterols

Gururaja Vulugundam, Krishan Kumar, Paturu Kondaiah and Santanu Bhattacharya*

New redox-active monomeric and dimeric ferrocenylated cationic cholesterols for gene transfection.

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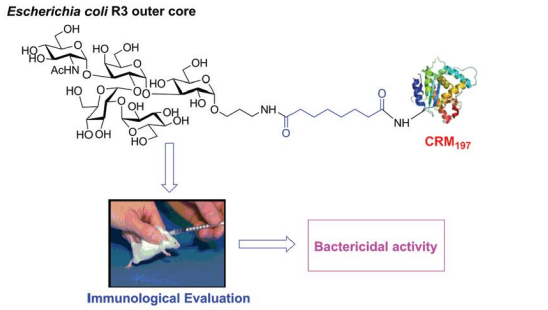

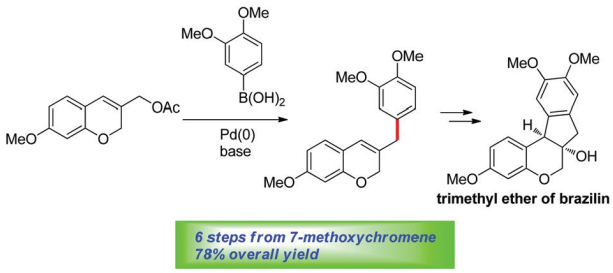

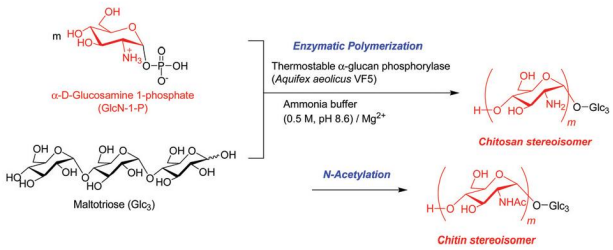

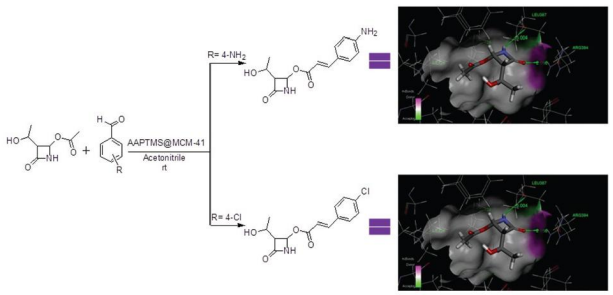

CORRECTION

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Correction: A novel Prins cascade process for the stereoselective synthesis of oxa-bicycles

B. V. Subba Reddy,* A. Venkateswarlu, B. Sridevi, Kanakaraju Marumudi, A. C. Kunwar and G. Gayatri