

## *N*-methylamino pyrimidyl amides (MAPA): highly reactive, electronically-activated amides in catalytic N—C(O) cleavage.

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### Rok wydania

2017

### Czasopismo

Organic Letters

### Numer woluminu

19

### Strony

4656-4659

### DOI

10.1021/acs.orglett.7b02288

### Kolekcja

Naukowa

### Język

Angielski

### Typ publikacji

Artykuł

### Streszczenie

Despite recent progress in catalytic cross-coupling technologies, the direct activation of *N*-alkyl-*N*-aryl amides has been a challenging transformation. Here, we report the first Suzuki cross-coupling of *N*-methylamino pyrimidyl amides (MAPA) enabled by the controlled  $n_N \rightarrow \pi_{Ar}$  conjugation and the resulting remodeling of the partial double bond character of the amide bond. The new mode of amide activation is suitable for generating acyl-metal intermediates from *unactivated* primary and secondary amides.

### Adres publiczny

<http://dx.doi.org/10.1021/acs.orglett.7b02288>

### Strona internetowa wydawcy

<https://www.acs.org/content/acs/en.html>