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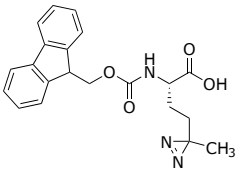
Lab & Production Materials

MERCK

Explore further with New Chemical Synthesis Products

We remain dedicated to supporting all your explorations by making the latest innovations in chemistry accessible in a bottle. We partner with the brightest minds in chemistry and have highlighted a few of our newest products below. Visit our website to view all of the products that will help you explore more and suggest any addition to our catalog that will help you even more.



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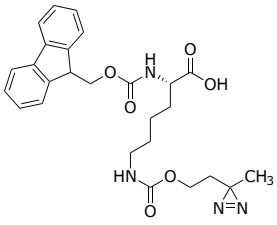

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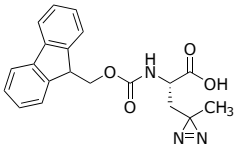
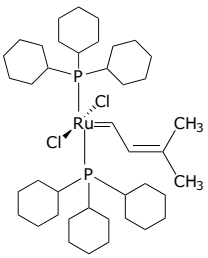


907391

Photo-Controlled Amino Acids

Photo-activated amino acids are versatile building blocks for incorporation into peptides, proteins, or small-molecule tools for photoaffinity labeling. Upon irradiation with UV light, a covalent bond is formed with nearby proteins, useful for probing cellular mechanisms, elucidating protein-protein interactions, or developing assays for target ID/validation. Fmoc-protected and unprotected versions are available.



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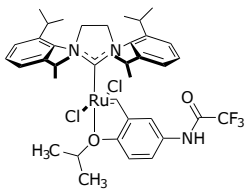
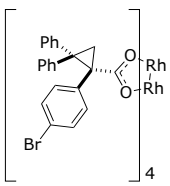


909165

New Catalysts from Umicore

We have added new palladium, platinum, and rhodium homogeneous catalysts form Umicore. This collection covers a variety of reactions: Suzuki-Miyaura Cross Coupling, Buchwald-Hartwig Amination, Mizoroki-Heck Coupling, hydrogenation, carbonylation, oxidation, hydrosilylation, and metathesis. Here we feature two of these catalysts, Umicore Hoveyda-Grubbs Catalyst M71 SIPr and Umicore Grubbs Catalyst M1b (C801), which are useful for alkene metathesis, cross metathesis, ring-closing metathesis, and self metathesis.



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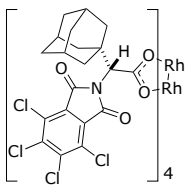


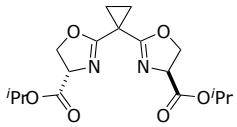
905321

C-H Functionalization

C-H functionalization is a valuable tool in drug discovery. A new suite of dirhodium (II) catalysts developed by the Davies group at Emory University facilitates a variety of site-selective and stereoselective functionalizations through donor/acceptor carbenes. The series of catalysts enables valuable transformations, including the functionalization of non-activated tertiary C-H bonds and activated primary C-H bonds as well as stereoselective cyclopropanations.

To view these and other new products, visit **SigmaAldrich.com/newchemistry.**

Catalysis



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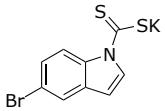

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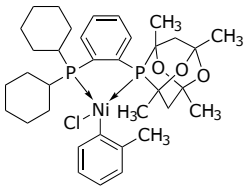

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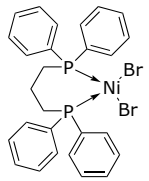

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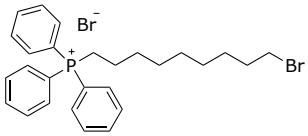
Chemical Biology



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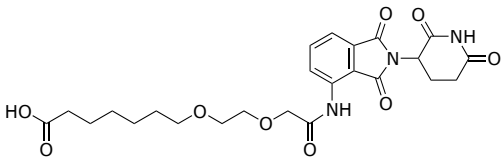

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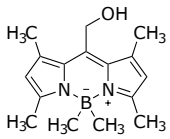

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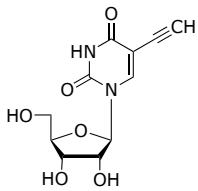

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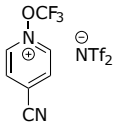
Reagents



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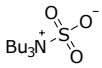

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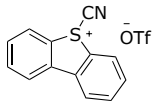

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Building Blocks

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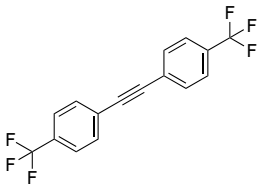

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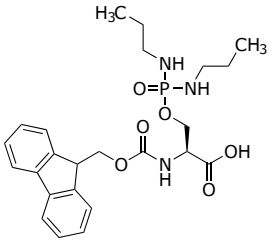

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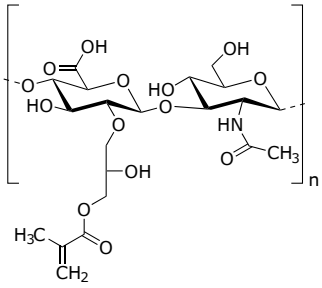

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