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Lab & Production Materials

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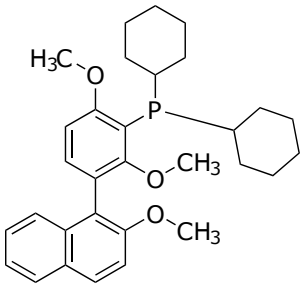
Explore further with New Chemical Synthesis Products

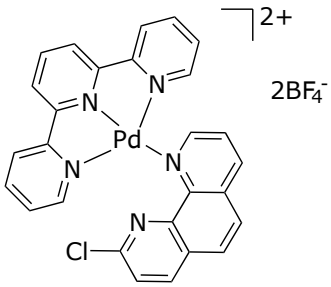
We remain dedicated to supporting all your explorations by making the latest innovations in chemistry accessible in a bottle. We partner with the brightest minds in chemistry and have highlighted a few of our newest products below. Visit our website to view all of the products that will help you explore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



902292

Micellar Catalysis

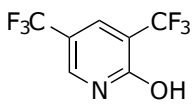
EvanPhos is a new biaryl phosphine ligand designed in the Lipshutz Lab for use in Suzuki-Miyaura cross couplings in conjunction with a Pd(0) source. Catalyst loadings as low as 0.1 mol% have been proven effective even when coupling densely functionalized partners. EvanPhos can be used in either organic solvent or under aqueous micellar conditions with the surfactant TPGS-750-M, making this an attractive technology for greener chemistry.



905925

Electrophilic Fluorination

Fluorination is an invaluable tool for medicinal chemistry as aryl fluorides are widely used in the pharmaceutical industry. This new Pd catalyst from the Ritter group enables direct C-H fluorination of unactivated arenes using either NFSI or Selectfluor as the fluoronium source.



ALD00606

C-H Activation

This 2-pyridone ligand, which was developed by the laboratory of Jin-Quan Yu, binds to palladium and accelerates non-directed C-H functionalization. Developed for C-H olefination and carboxylation with arene as the limiting reagent, the Wang-Yu ligand enables diversification of drugs, synthetic intermediates, and other bioactive small molecules.

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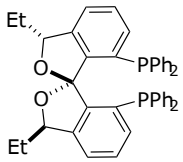
Catalysis



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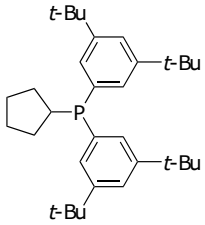

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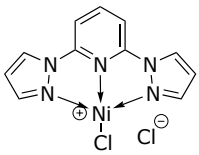

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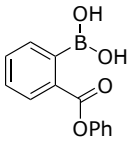
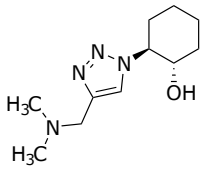


905534

Chemical Biology



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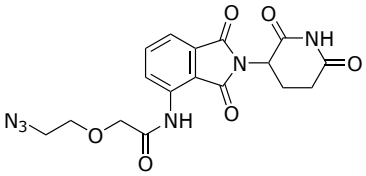

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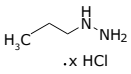

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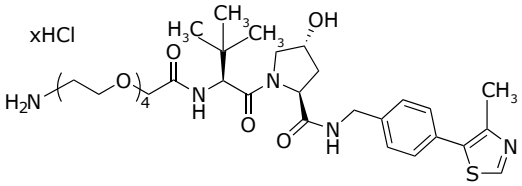
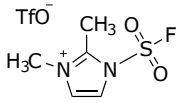


901848

Reagents



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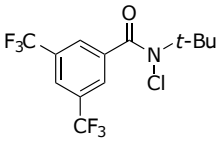

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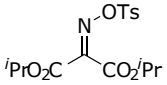

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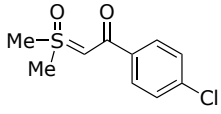
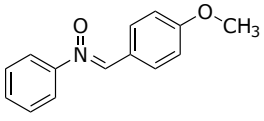


905860

Building Blocks



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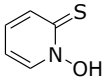

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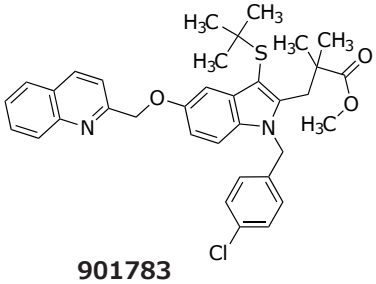

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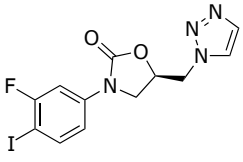

901749

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