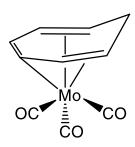
## Strem Chemicals, Inc.

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Catalog # 42-0350 Cycloheptatriene molybdenum tricarbonyl, 99%



## **Technical Notes:**

- 1. Catalyst for asymmetric allylic alkylation with sodium dimethyl malonate
- Catalyst for synthesis of 5H-Oxazol-4-ones used as building blocks for asymmetric synthesis of αhydroxycarboxylic acid derivatives
- 3. Catalyst for asymmetric allylation of 3-alkyloxindoles
- 4. Used in Mo-catalyzed regio-, diastereo-, and enantioselective allylic alkylation of 3-aryloxindoles

$$\begin{array}{c} \text{Ph} \\ \text{OCO}_2\text{CH}_3 \\ \text{Or} \\ \text{OCO}_2\text{CH}_3 \\ \text{Ph} \\ \text{OCO}_2\text{CH}_3 \\ \text{Ph} \\ \text{Ph} \\ \text{OCO}_2\text{CH}_3 \\ \text{Ph} \\ \text{Ph} \\ \text{OCO}_2\text{CH}_3 \\ \text{Ref. (1)} \\ \text{Ph} \\ \text{Ph} \\ \text{OCO}_2\text{CH}_3 \\ \text{Ref. (2)} \\ \text{Ref. (2)} \\ \text{Ref. (3)} \\ \text{Ref. (3)} \\ \text{Ref. (4)} \\ \text{Ph} \\ \text{Ph} \\ \text{OCO}_2\text{Bu} \\ \text{Ph} \\ \text{OCO}_2\text{Bu} \\ \text{Ph} \\ \text{Ph} \\ \text{Ph} \\ \text{Ph} \\ \text{OCO}_2\text{Bu} \\ \text{Ph} \\ \text{Ph} \\ \text{Ph} \\ \text{Ph} \\ \text{Ph} \\ \text{OCO}_2\text{Bu} \\ \text{Ph} \\ \text{Ph} \\ \text{Ph} \\ \text{Ph} \\ \text{Ph} \\ \text{Ph} \\ \text{OCO}_2\text{Bu} \\ \text{Ph} \\ \text{P$$

## References:

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- 2. J. Am. Chem. Soc. 2004, 126, 1944
- 3. J. Am. Chem. Soc. 2006, 128, 4590
- 4. J. Am. Chem. Soc. 2007, 129, 14548