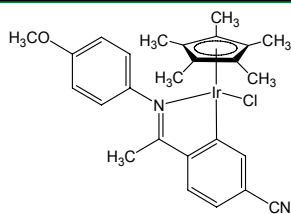


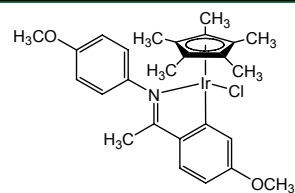
# STREM Iridicycle Catalyst Kit

metals · inorganics · organometallics · catalysts · ligands · custom synthesis · cGMP facilities · nanomaterials

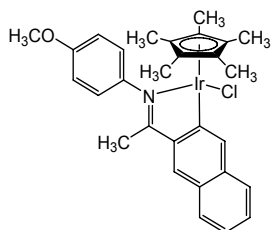


77-0424

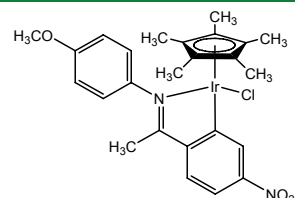
**Iridicycle-CN**



77-0418 **Iridicycle-MeO**



77-0428 **Iridicycle-Naphth**



77-0430 **Iridicycle-NO2**

## 96-3745 Iridicycle Catalyst Kit

1 kit

Contains the smallest unit of the items listed below.  
Components available for individual sale.

**77-0424**

**NEW** →

**Chloro(pentamethylcyclopentadienyl){5-cyano-2-[(4-methoxyphenyl)imino-kN]ethyl}phenyl-kC}iridium(III), 99% Iridicycle-CN [1258964-46-3]**  
C<sub>26</sub>H<sub>28</sub>ClIrN<sub>2</sub>O; FW: 612.18; red powdr.

100mg  
500mg

Technical Note:

1, See 77-0418.

**77-0418**

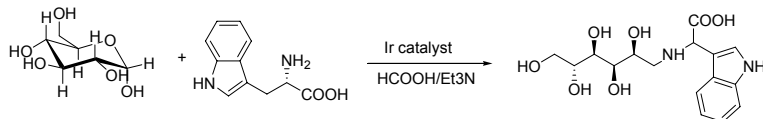
**NEW** →

**Chloro(pentamethylcyclopentadienyl){5-methoxy-2-[(4-methoxyphenyl)imino-kN]ethyl}phenyl-kC}iridium(III), 99% Iridicycle-MeO [1258964-48-5]**  
C<sub>26</sub>H<sub>31</sub>ClIrNO<sub>2</sub>; FW: 617.20; orange powdr.

100mg  
500mg

Technical Note:

1. Catalyst used in the reductive amination of carbonyl groups with unprecedented substrate scope, selectivity and activity.



**Tech. Note (1)**  
**Ref. (1)**

Reference:

1. *Angew. Chem. Int. Ed.*, **2010**, *49*, 7548.

**77-0428**

**NEW** →

**Chloro(pentamethylcyclopentadienyl){2-[(4-methoxyphenyl)imino-kN]ethyl}naphthyl-kC}iridium(III), 99% Iridicycle-Naphth**  
C<sub>29</sub>H<sub>31</sub>ClIrNO; FW: 637.23; red-orange powdr.

100mg  
500mg

Technical Note:

1, See 77-0418.

**77-0430**

**NEW** →

**Chloro(pentamethylcyclopentadienyl){5-nitro-2-[(4-methoxyphenyl)imino-kN]ethyl}phenyl-kC}iridium(III), 99% Iridicycle-NO2**  
C<sub>25</sub>H<sub>28</sub>ClIrN<sub>2</sub>O<sub>3</sub>; FW: 712.17

100mg  
500mg

Technical Note:

1, See 77-0418.

Note: Sold in collaboration with Yorkshire Process Technology for research purposes only. Developed by Prof. J. Xiao, Liverpool University.  
Patents GB 1206572.8 and GB 1206573.6

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