Strem Chemicals, Inc.

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Catalog # 44-0758 [1,3-Bis(2,4,6-trimethylphenylimidazolidin-2-ylidene)-(2-i-propoxy-5-nitrobenzylidene)ruthenium(II) dichloride nitro-Grela

Note: Sold in collaboration with Apeiron Synthesis, Inc. Apeiron Metathesis Catalyst Kit component. U.S. Patent PCT/EP2003/01122.

Technical Notes:

- 1. This catalyst is used for an efficient synthesis of HCV Protease Inhibitor, BILN 2061.
- 2. The nitro-Grela catalyst is a stable olefin metathesis initiator active in various ring-closing, cross, and enyne metathesis reactions. Its efficiency has been proven in numerous total syntheses of natural and biologically active compounds, and in material science (see Ref. 1-9)

Tech. Note (1) Refs. (1,2)

References:

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- 6. Angew. Chem. Int. Ed., 2008, 47, 6483.
- 7. Tetrahedron Lett., 2006, 47, 6351.
- 8. J. Am. Chem. Soc., 2004, 126, 9318.
- 9. Angew. Chem. Int. Ed., 2002, 41, 4038.