Thioureas as Ligands in the Pd-Catalyzed Intramolecular Pauson-Khand Reaction

Yefeng Tang,[†] LuJiang Deng,[†] Yandong zhang,[†] Guangbin Dong[†], Jiahua Chen^{*,†} and Zhen Yang^{*,†,‡}

Key Laboratory of Bioorganic Chemistry and Molecular Engineering of Ministry of Education, College of Chemistry, and Laboratory of Chemical Genomics, ShenZhen Graduate School, Peking University, Beijing, 100871, China, and VivoQuest, Inc. 711 Executive Blvd, Valley Cottage, NY, 10989, USA.

Spectra for the Synthesized Compound

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300M 050120
 CH3Cl=CH N2 2-C1-S
 Archive directory: /export/home/vnmr1/vnmrsys/data
 Sample directory:
 File: PROTON
 Pulse Sequence: s2pu1

pk-sa-ph-NO2
 Pulse Sequence: s2pu1

Pd-precursor-yne-penty1-N02//200MHz
Pulse Sequence: s2pu1

Pd-precursor-yne-penty1-N02-C//200MHz
Pulse Sequence: s2pu1

Pd-precursor-ene-vinyl-yne-N02//200
Pulse Sequence: s2pul

Pd-precursor-ene-vinyl-yne-N02
Pulse Sequence: s2pul

Pd-PK-substrate-yne-butyl//200MHz
Pulse Sequence: s2pu1

Pd-PK-substrate-yne-butyl-C//200MHz
Pulse Sequence: s2pu1

Pulse Sequence: s2pul1

diester-yneethyl
False Sequence: s2ou1

Pd-PK-product-CH30

Archive directory: /export/home/vmr1/vmr1sys/data

Sample directory:

File: P6010W

Pulse Sequence: s2pu1

pKr-pro-ph-0CH3

Pulse Sequence: s2pu1

Pd-product-ene-Bn-Yne1

Archive directory: /export/home/vmr1/vmr/sys/data
Sample directory:
File: PROTON

Pulse Sequence: zgpg30

Pd-product-ene-Bn-Yne-NO2

Pulse Sequence: zgpg30

Pd-Product-yne-penty1-NO2//380
 Archive directory: /export/home/vmar1/vmar/sys/data
 Sample directory:
 File: PROTON

Pulse Sequence: s2pu1

Pd-product-yne-penty1-NO2
 Pulse Sequence: s2pu1

Pd-PK-product-butanyl

Archive directory: /export/home/vnmr1/vnmrsys/data

Sample directory:

File: PROTDA

Pulse Sequence: s2pu1

Pd-PK-product-butanyl

Pulse Sequence: s2pu1