PdI₂/I₂-Catalyzed Thiolation Annulations of Alkynes with Azides and Disulfides: Selective Synthesis of 4-Sulfenylisoquinolines

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Supporting Information

List of Contents

(A) Spectra S2-S37
(A) Spectra

3-Phenyl-4-(phenylthio)isoquinoline (3)
3-Phenyl-4-(p-tolythio)isoquinoline (4)
3-Phenyl-4-(p-tolythio)isoquinoline (4)
4-(4-Methoxyphenylthio)-3-phenylisoquinoline (5)
4-(4-Chlorophenylthio)-3-phenylisoquinoline (6)
4-(Benzylthio)-3-phenylisoquinoline (8)
4-(Benzythio)-3-phenylisoquinoline (8)
6123-(4-Methoxyphenyl)-4-(phenylthio)isoquinoline (9)
3-(4-Methoxyphenyl)-4-(phenylthio)isoquinoline (9)
4-(Phenylthio)-3-p-tolylisoquinoline (10)
4-(Phenylthio)-3-α-tolylisoquinoline (11)
4-(Phenythio)-3-α-tolylisoquinoline (11)
3-(Naphthalen-1-yl)-4-(phenylthio)isoquinoline (12)
3-(Naphthalen-1-yl)-4-(phenylthio)isoquinoline (12)
3-(4-Nitrophenyl)-4-(phenylthio)isoquinoline (13)
1-(4-(4-(Phenylthio)isoquinolin-3-yl)phenyl)ethanone (14)
1-(4-(4-(Phenylthio)isoquinolin-3-yl)phenyl)ethanone (14)
3-(4-Chlorophenyl)-4-(phenylthio)isoquinoline (15)
3-(4-Chlorophenyl)-4-(phenylthio)isoquinoline (15)
3-Cyclopropyl-4-(phenylthio)isoquinoline (16)
3-tert-Butyl-4-(phenylthio)isoquinoline (17)
3-tert-Butyl-4-(phenylthio)isoquinoline (17)
7-Methoxy-3-phenyl-4-(phenylthio)isoquinoline (18)
7-Methoxy-3-phenyl-4-(phenylthio)isoquinoline (18)
7-Phenyl-8-(phenylthio)-[1,3]dioxolo[4,5-g]isoquinoline (19)
7-Phenyl-8-(phenylthio)-[1,3]dioxolo[4,5-g]isoquinoline (19)
3-phenyl-4-(phenylselanyl)isoquinoline (20)
3-octyl-4-(phenylselanyl)isoquinoline (21)
3-octyl-4-(phenylselanyl)isoquinoline (21)