Supplementary Materials for

Para-Aminobenzohydrazide Derivatives as Fatty Acid Amide Hydrolase Inhibitors: Design, Synthesis and Biological Evaluation

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This PDF file includes:

Contents

Mass, IR Spectra for final Compounds page (2-55)

5a, 5b, 7-9, 10a-10f, 11-13
2-(4-ureidobenzoyl)hydrazinecarboxamide
2-(4-benzamidobenzoyl)hydrazinecarboxamide
2-(4-(4-chlorobenzamido)benzoyl)hydrazinecarboxamide

**Diagram 1**

**Diagram 2**
N,4-bis(1,3-dioxoisindolin-2-yl)benzamide
$N,4$-bis(2,5-dioxopyrrolidin-1-yl)benzamide
N-(4-(2-benzoylhydrazinecarbonyl)phenyl)benzamide
3-chloro-N-(4-(2-(3-chlorobenzoyl)hydrazinecarbonyl)phenyl)benzamide
4-chloro-N-(4-(2-(4-chlorobenzoyl)hydrazinecarbonyl)phenyl)benzamide
4-methoxy-N-(4-(2-(4-methoxybenzoyl)hydrazinecarbonyl)phenyl)benzamide
4-fluoro-N-(4-(2-(4-fluorobenzoyl)hydrazinecarbonyl)phenyl)benzamide
4-nitro-N-(4-((4-nitrobenzoyl)hydrazinecarbonyl)phenyl)benzamide
4-(2-(4-(3-carboxypropanamido)benzoyl)hydrazinyl)-4-oxobutanoic acid
2-(2-(4-(2-carboxybenzamido)benzoyl)hydrazinecarbonyl)benzoic acid
$N$-[(4-(2-phenylsulfonyl)hydrazinecarbonyl)phenyl]benzensulfonamide
