

Supporting Information

Imidazole–dioxolane compounds as isozyme-selective heme oxygenase inhibitors

Jason Z. Vlahakis, Robert T. Kinobe, Raymond J. Bowers, James F. Brien,
Kanji Nakatsu, and Walter A. Szarek

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Elemental Analyses

Elemental analyses were performed by MHW Laboratories, Phoenix, AZ.

(2*R*,4*R*)-2-[2-(4-Chlorophenyl)ethyl]-2-[(1*H*-imidazol-1-yl)methyl]-4-methyl-1,3-dioxolane hydrochloride (1·HCl): Anal. Calcd. for C₁₆H₂₀Cl₂N₂O₂: C, 55.99; H, 5.87; N, 8.16. Found: C, 56.27; H, 6.19; N, 7.96.

(2*R*,4*S*)-2-[2-(4-Chlorophenyl)ethyl]-2-[(1*H*-imidazol-1-yl)methyl]-4-methyl-1,3-dioxolane hydrochloride (2·HCl): Anal. Calcd. for C₁₆H₂₀Cl₂N₂O₂: C, 55.99; H, 5.87; N, 8.16. Found: C, 56.19; H, 5.82; N, 8.08.

(2*S*,4*S*)-2-[2-(4-Chlorophenyl)ethyl]-2-[(1*H*-imidazol-1-yl)methyl]-4-methyl-1,3-dioxolane hydrochloride (3·HCl): Anal. Calcd. for C₁₆H₂₀Cl₂N₂O₂: C, 55.99; H, 5.87; N, 8.16. Found: C, 56.26; H, 5.84; N, 8.17.

(2*S*,4*R*)-2-[2-(4-Chlorophenyl)ethyl]-2-[(1*H*-imidazol-1-yl)methyl]-4-methyl-1,3-dioxolane hydrochloride (4·HCl): Anal. Calcd. for C₁₆H₂₀Cl₂N₂O₂: C, 55.99; H, 5.87; N, 8.16. Found: C, 56.22; H, 6.01; N, 7.96.

2-[2-(4-Chlorophenyl)ethyl]-2-[(1*H*-imidazol-1-yl)methyl]-1,3-dioxolane hydrochloride (5·HCl): Anal. Calcd. for C₁₅H₁₈Cl₂N₂O₂: C, 54.72; H, 5.51; N, 8.51. Found: C, 54.60; H, 5.37; N, 8.43.

2-[2-(4-Chlorophenyl)ethyl]-2-[(1*H*-imidazol-1-yl)methyl]-1,3-dithiolane hydrochloride (6·HCl): Anal. Calcd. for C₁₅H₁₈Cl₂N₂S₂: C, 49.86; H, 5.02; N, 7.75. Found: C, 50.16; H, 5.34; N, 7.14.