

Figure 2. 6-methoxy-2-(4-(methylsulfonyl)phenyl)-N-(thiophen-2ylmethyl)pyrimidin-4-amine [MC1]

OBJECTIVES

- □ Synthesize MC1, a COX-2 ligand, to be used for toxicology studies
- □ Test blocking ability of MC1 on COX-2 in PET studies of neuroinflammation using [¹¹C]MC1 as the radioligand

Synthesis of MC1 for Toxicology Study, Preceding Evaluation of [¹¹C]MC1 as a PET Radioligand for Imaging Neuroinflammation in Humans

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The authors acknowledge support from the Intramural Research Program of the National Institutes of Health (NIMH)

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