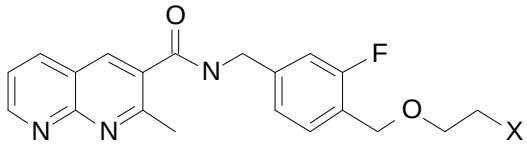
CLAIMS

1. Use of an imaging agent having the structure



wherein X is a halogen isotope, such as a fluorine, bromine, chlorine or iodine isotope, in the manufacturing of a diagnostic marker for myocardial perfusion imaging.

2. The use according to claim 1, wherein X is ^{18}F, ^{19}F, ^{120}I, ^{121}I, ^{122}I, ^{123}I, ^{124}I, ^{125}I, ^{127}I, ^{131}I, ^{35}Cl, ^{37}Cl, ^{75}Br, ^{76}Br, ^{77}Br, ^{79}Br, ^{80}Br, ^{80m}Br or ^{81}Br.

3. The use according to claim 2, wherein X is ^{18}F or ^{19}F.