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1-(6,8-Dibromo-2-methylquinolin-3-yl)ethanone

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Abstract: Two independent molecules, 1 and 2, with similar conformations comprise the asymmetric unit in the title compound, C₁₂H₉Br₂NO. The major difference between the molecules relates to the relative orientation of the ketone-methyl groups [the C-C-C-C torsion angles are -1.7 (6) and -16.8 (6)° for molecules 1 and 2, respectively]; in each case, the ketone O atom is directed towards the ring-bound methyl group. The crystal packing comprises layers of molecules, sustained by C-H...O and π - π {ring centroid(C₆) of molecule 2 with NC₅ of molecule 1 [3.584 (3) Å] and NC₅ of molecule 2 [3.615 (3) Å]} interactions. C-H...Br contacts also occur.