**(4-Iodocuban-1-yl)methanol, OSM-S-XXX**

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# Representative Example: http://bit.ly/2jS7TdB

4-Iodocubanecarboxylic acid (200 mg, 0.73 mmol) was dissolved in dry THF (7 mL) under Ar and cooled to 0 ˚C. Borane dimethyl sulfide complex (0.23 mL, 1.16 mmol) was added and the reaction stirred for 20 min at 0 ˚C, then at rt for 4 h. The solution was quenched with water and stirred at rt overnight. After adding EtOAc, the solution was washed with water, brine, dried (MgSO4), filtered and concentrated under reduced pressure to give the crude title compound as a white solid (162 mg, 85%) that was used without further purification in the subsequent reaction; **m.p.** XX–XX ˚C; **IR** νmax (film) /cm-1 XX;**1H NMR** (X MHz, CDCl3) δ: XX; **13C NMR** (X MHz, CDCl3) δ: XX; **HRMS** (XX) found XX [M+X]+, XXrequiresXX.

*OCC12C3C4C1C5C2C3C54I*

*InChI=1S/C9H9IO/c10-9-5-2-6(9)4-7(9)3(5)8(2,4)1-11/h2-7,11H,1H2*