**4-Iodocubane-1-carbaldehyde, OSM-S-XXX**

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Representative Example:http://bit.ly/2jS3ZSa

A stirring solution of oxalyl chloride (63.8 μL, 0.75 mmol) in dry DCM (1 mL) was prepared under Ar at -78 ˚C. Dry DMSO (0.11 mL, 1.54 mmol) in dry DCM (1 mL) was added dropwise. After 20 min at -78 ˚C, **OSM-S-XXX** (162 mg, 0.62 mmol) dissolved in dry DCM (4.25 mL) under Ar was added dropwise. The mixture was maintained at -78 ˚C for 1.5 h and then dry Et3N (0.39 mL, 2.80 mmol) was added. The mixture was warmed to rt and quenched with water (4 mL). The aqueous layer was extracted with DCM (2 x 4 mL) and the combined organic layers were washed with water (4 mL), brine (4 mL), dried (MgSO4), filtered and concentrated under reduced pressure to give an off-white solid (161 mg, quant. yield); purified by automated flash chromatography on silica (Biotage Isolera, 12**–**100% ethyl acetate in hexanes) to give the title compound as a white solid (130 mg, 81%); **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.

*[H]C(C12C3C4C1C5C2C3C54I)=O*

*InChI=1S/C9H7IO/c10-9-5-2-6(9)4-7(9)3(5)8(2,4)1-11/h1-7H*