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(54) Title: METHODS TO IDENTIFY MODULATORS OF TAS2R4S RECEPTORS

(57) Abstract: Disclosed are compounds that activate the human G- protein coupled receptor TAS2R48, and methods of using these compounds for identifying compounds that modulate the response of the TAS2R48 receptor. Compounds identified as modulators of the response of the receptor TAS2R48 may be used to decrease or mask the bitter taste of foods or drugs.