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(54) **Title:** CRYSTALLINE FORMS OF A BIPHENYL COMPOUND

(57) **Abstract:** The invention provides crystalline forms of biphenyl-2-ylcarbamic acid 1-(2-{[4-(4-carbamoylpiperidin-1-ylmethyl)benzoyl]methylamino}ethyl)piperidin-4-yl ester, and pharmaceutically acceptable solvates thereof. The crystalline form can be a freebase, or a salt such as a diphosphate, monosulfate or dioxalate salt. The invention also provides pharmaceutical compositions comprising these crystalline compounds or prepared using these compounds; processes and intermediates for preparing the crystalline compounds; and methods of using these compounds to treat a pulmonary disorder.