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(54) **MONOHYDRATE OF (1-{9-[4S,2R,3R,5R)-,4-DIHYDROXY-5-(HYDROXYMETHYL) OXOLAN-2-YL]-6-AMINOPURIN-2-YL} PYRAZOL-4-YL)-N-METHYLCARBOXAMIDE**

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***C07H 19/00*** (2006.01)
***C07H 19/167*** (2006.01)
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(52) **U.S. Cl.**
USPC ..... **536/27.11**; 536/27.61

(58) **Field of Classification Search**
None
See application file for complete search history.

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(57) **ABSTRACT**

Disclosed is a synthesis suitable for large scale manufacture of an $A_{2A}$-adenosine receptor agonist, namely, (1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-methylcarboxamide. Also, disclosed are polymorphs of this compound and methods for isolating a specific polymorph. Also, disclosed are pharmaceutical compositions and methods for preparing pharmaceutical compositions.

**5 Claims, 5 Drawing Sheets**