

4. A compound according to claim 3, or a pharmaceutically acceptable salt thereof, which is 1-(4-fluorobenzyl)-N-((1S,2S)-2-hydroxycyclohexyl)-1H-pyrrolo[3,2-b]pyridine-3-carboxamide.

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5. A compound according to claim 3, or a pharmaceutically acceptable salt thereof, which is 1-(4-fluoro-3-methylbenzyl)-N-((1S,2S)-2-hydroxycyclohexyl)-1H-pyrrolo[3,2-b]pyridine-3-carboxamide.

10 6. A compound according to claim 3, or a pharmaceutically acceptable salt thereof, which is 1-(2,3-difluorobenzyl)-N-((1S,2S)-2-hydroxycyclohexyl)-1H-pyrrolo[3,2-b]pyridine-3-carboxamide.

15 7. A compound according to claim 3, or a pharmaceutically acceptable salt thereof, which is 1-(4-fluorobenzyl)-N-((1S,2S)-2-hydroxycyclohexyl)-7-methyl-1H-pyrrolo[3,2-b]pyridine-3-carboxamide.

20 8. A compound according to claim 3, or a pharmaceutically acceptable salt thereof, which is 1-(2,3-difluorobenzyl)-N-((1S,2S)-2-hydroxycyclohexyl)-7-methyl-1H-pyrrolo[3,2-b]pyridine-3-carboxamide.

25 9. A compound according to claim 3, or a pharmaceutically acceptable salt thereof, which is N-((1S,2S)-2-hydroxycyclohexyl)-1-(4-methoxybenzyl)-7-methyl-1H-pyrrolo[3,2-b]pyridine-3-carboxamide.

10. A compound according to claim 3, or a pharmaceutically acceptable salt thereof, which is 1-(3-fluoro-4-methoxybenzyl)-N-((1S,2S)-2-hydroxycyclohexyl)-7-methyl-1H-pyrrolo[3,2-b]pyridine-3-carboxamide.

30 11. A compound as claimed in any one of claims 1 to 10, or a pharmaceutically acceptable salt thereof, for use in positive allosteric modulation of muscarinic receptor mAChR M1.

35 12. A compound as claimed in any one of claims 1 to 10, or a pharmaceutically acceptable salt thereof, for use as a cognitive impairment improving agent in Alzheimer-type dementia (AD).

13. A compound as claimed in any one of claims 1 to 10, or a pharmaceutically acceptable salt thereof, for use as a cognitive impairment improving agent in dementia with Lewy bodies (DLB).

5 14. A pharmaceutical composition comprising the compound as claimed in any one of claims 1 to 10, or a pharmaceutically acceptable salt thereof, as an active ingredient in association with a pharmaceutically acceptable carrier.