

SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

| Product Name : Linagliptin Impurity G CAS NO : NA Batch No : SRC-135-AG-005 Date of Analysis : 25 Feb 2023 Retest Date : 25 Feb 2025 Structure: | | |
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| Batch No : SRC-135-AG-005 Date of Analysis : 25 Feb 2023 Retest Date : 25 Feb 2025 Structure: Image: structure in the structure | | ity G |
| Date of Analysis : 25 Feb 2023 Retest Date : 25 Feb 2025 Structure: Image: structure in the st | CAS NO : NA | |
| Retest Date : 25 Feb 2025 Structure: \$\$\vec{y}_{y}_{y}_{y}_{y}_{y}_{y}_{y}_{y}_{y}_ | Batch No: SRC-135-AG-005 | |
| Structure: Image: Chemical Name Fert-butyl (R)-(1-(3-methyl-1,7-bis((4-methylquinazolin-2-yl)methyl)-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-8-yl)piperidin-3-yl)carbamate Molecular Formula C3a,6,7-tetrahydro-1H-purin-8-yl)piperidin-3-yl)carbamate Molecular Weight 676.8g/mol Sr. No. Test Result 1) Description NA Solubility Solubility Soluble In DMSO, Methanol 3) Identification 1. Mass Confirm to structure 2. IH NMR Confirm to structure 4) Purity by HPLC Above 95 % Long Term Storage condition Store at 2 ⁰ to 8 ⁰ c Shipping Condition Ambient Note : This is only for Analytical testing purpose, not for Human or Animal Consumption. Signature Date Checked By Date | Date of Analysis : 25 Feb 2023 | |
| Chemical Name Tert-butyl (R)-(1-(3-methyl-1,7-bis((4-methylquinazolin-2-yl)methyl)-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-8-yl)piperidin-3-yl)carbamate Molecular Formula C3aHa0N10O4 Molecular Weight 676.8g/mol Sr. No. Test Result 1) Description NA 2) Solubility Solubility Soluble In DMSO, Methanol 3) Identification 1. Mass Confirm to structure 2. 1H NMR Confirm to structure 4) Purity by HPLC Above 95 % Long Term Storage condition Store at 2 ⁰ to 8 ⁰ c Shipping Condition Note: This is only for Analytical testing purpose, not for Human or Animal Consumption. Signature Date Checked By Image: Construct Participut Construct Partiput Construct P | Retest Date : 25 Feb 2025 | |
| dioxo-2,3,6,7-tetrahydro-1H-purin-8-yl)piperidin-3-yl)carbamate Molecular Formula C ₃₆ H ₄₀ N ₁₀ O ₄ Molecular Weight 676.8g/mol Sr. No. Test 1) Description NA Solubility 2) Solubility 3) Identification 1. Mass 2. 1H NMR Confirm to structure 2. 1H NMR Confirm to structure 4) Purity by HPLC Above 95 % Long Term Storage condition Store at 2 ⁰ to 8 ⁰ c Shipping Condition Signature Note : This is only for Analytical testing purpose, not for Human or Animal Consumption. Signature Date | Structure: | |
| Molecular Formula C36H40N10O4 Molecular Weight 676.8g/mol Sr. No. Test 1) Description 1) Description 2) Solubility Solubility Soluble In DMSO, Methanol 3) Identification 1. Mass 2. 1H NMR Confirm to structure 2. 1H NMR Confirm to structure 4) Purity by HPLC Above 95 % Long Term Storage condition Store at 2 ⁰ to 8 ⁰ c Shipping Condition Ambient Note : This is only for Analytical testing purpose, not for Human or Animal Consumption. Signature Date Checked By Image: State | Chemical Name | |
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| 4) Purity by HPLC Above 95 % Long Term Storage condition Store at 2 ⁰ to 8 ⁰ c Shipping Condition Ambient Note : This is only for Analytical testing purpose, not for Human or Animal Consumption. Signature Date Checked By Image: Checked By | | |
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