



CERTIFICATE OF ANALYSIS



Date: 11-02-2026

| | | | |
|--------------------------------|---|---------------|---------|
| Product Name | N-Nitroso Dasatinib Impurity 22 | | |
| Chemical Name | N-(2-chloro-6-methylphenyl)-2-((6-((2-((2-hydroxyethyl)(nitroso)amino)ethyl)(nitroso)amino)-2-methylpyrimidin-4-yl)(nitroso)amino)thiazole-5-carboxamide | | |
| Structure | <p>The chemical structure is a complex organic molecule. It features a central pyrimidine ring substituted with a 4-nitro-2-methylphenyl group at the 2-position. The 4-position of the pyrimidine is further substituted with a 2-nitro-4-(nitrosoamino)ethyl group. The 6-position of the pyrimidine is substituted with a 2-nitro-4-(nitrosoamino)thiazole group. The 4-position of the thiazole is substituted with a 2-chlorophenyl group.</p> | | |
| Batch No. | - | CAS No. | NA |
| Analysis Date | 26 | Retest Date | 5 |
| Mol. Formula | C ₂₀ H ₂₁ ClN ₁₀ O ₅ S | Molecular Wt. | 548.963 |
| Long term Storage Condition | Store at 2-8 °C in well closed container | | |
| Handling and Transit Condition | 25-30 °C in well closed container | | |

| Test | Result |
|------------------------|-----------------------|
| Appearance | - |
| Solubility | - |
| 1H-NMR | Conforms to structure |
| MASS | Conforms to structure |
| Chromatographic Purity | >90% |

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

| | Prepared By | Checked By | Approved By |
|-----------|-------------|------------|-------------|
| Signature | | | |
| Date | | | |

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