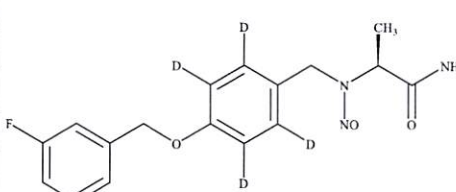


Certificate of Analysis



Certificate No.: 20260402005

Date: April 2, 2026

Retest date: March 30, 2029

| | | |
|------------------------------|--|--|
| Compound Name: | <i>N</i> -Nitroso Safinamide-d ₄ | |
| Synonyms: | (S)-2-((4-((3-fluorobenzyl)oxy)(benzyl-2,3,4,5-d ₄))(nitroso)amino)propanamide | |
| TLC Catalogue Number: | S-073034 |  |
| CAS Number: | N/A | |
| Alternate CAS Number: | 2657645-00-4 (non-labelled) | |
| Molecular Weight: | 335.37 | |
| Molecular Formula: | C ₁₇ H ₁₄ D ₄ FN ₃ O ₃ | |
| Source: | TLC Pharmaceutical Standards | |
| Source Lot No.: | 7368-027A3 | |
| Storage Conditions: | Store at 2-8 °C | |
| Solubility: | Methanol, DMSO | |

| Test Description | Specifications | Results |
|--------------------------------|--|-----------------|
| Visual Description | Off-white solid | Conforms |
| Identification | | |
| MS | Conforms to structure | Conforms |
| ¹ H NMR | Conforms to structure | Conforms |
| Purity (HPLC) | Not less than 95.0% | 98.8% |
| Impurity (HPLC) | RT 1.64, 0.35%; RT 10.91, 0.39%; RT 13.78, 0.16% | |
| Isotopic Enrichment | Not less than 98.0% | 98.1% |
| Water Content (KF) | N/A | 0.2% |
| Residual Solvents (NMR) | 0.3% dichloromethane and 0.1% isopropyl ether | |
| Assay (%) | Not less than 90.0% | 98.2% |
| Recommendation: | Release. The compound is a <i>N</i> -Nitroso product. Avoid using metal spatula and applying pressure. Wear proper personal protective equipment when handling. | |

| Name | Department | Signature | Date |
|---------------------------|-------------------|--|------------|
| Reviewed and approved by: | Quality Control |  | 04/02/2026 |
| Approved by: | Quality Assurance |  | 04/02/2026 |

Attachments: Peak Attribution Table, Assay Calculation, HPLC, MS and NMR spectra.