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## Product Datasheet

### DZNep, CAS [[120964-45-6]] FBM-10-1524

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| Artikelname              | DZNep, CAS [[120964-45-6]]                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Artikelnummer            | FBM-10-1524                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Hersteller Artikelnummer | 10-1524                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Alternativnummer         | FBM-10-1524-1MG,FBM-10-1524-5MG                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Produktbeschreibung      | Methyl transferase inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Molekulargewicht         | 298.73                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Reinheit                 | 98% by HPLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Formulierung             | Beige solid                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CAS Nummer               | [120964-45-6]                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Formel                   | C <sub>12</sub> H <sub>14</sub> N <sub>4</sub> O <sub>3</sub> HCl                                                                                                                                                                                                                                                                                                                                                                                                        |
| Anwendungsbeschreibung   | Potent histone methyltransferase inhibitor which decreases global histone methylation <sup>1</sup> . Inhibits trimethylation of H3K27 and H4K20 in vitro <sup>1</sup> . Selectively induces apoptosis in multiple cancer cell lines with no effect on normal cells <sup>2</sup> . May be used in cocktails to chemically induce pluripotent stem cells (CiPSCs) from somatic cells <sup>3</sup> . Enhances angiogenesis in a mouse model of limb ischemia <sup>4</sup> . |