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## Product Datasheet

### LNT 1, CAS [[824983-91-7]] FBM-10-4036

|                            |                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Article Name               | LNT 1, CAS [[824983-91-7]]                                                                                                                                                                                                                                                                                                                                                                             |
| Biozol Catalog Number      | FBM-10-4036                                                                                                                                                                                                                                                                                                                                                                                            |
| Supplier Catalog Number    | 10-4036                                                                                                                                                                                                                                                                                                                                                                                                |
| Alternative Catalog Number | FBM-10-4036-5MG, FBM-10-4036-25MG                                                                                                                                                                                                                                                                                                                                                                      |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                     |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                         |
| Product Description        | FEN1 inhibitor...                                                                                                                                                                                                                                                                                                                                                                                      |
| Molecular Weight           | 332.33                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity                     | 98% by TLC , NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                            |
| Form                       | Off-white solid                                                                                                                                                                                                                                                                                                                                                                                        |
| CAS Number                 | [824983-91-7]                                                                                                                                                                                                                                                                                                                                                                                          |
| Formula                    | C15H12N2O5S                                                                                                                                                                                                                                                                                                                                                                                            |
| Application Notes          | Potent (IC50 = 11 nM) inhibitor of flap endonuclease 1 (FEN1). <sup>1</sup> It showed similar potency in inhibiting exonuclease 1 (EXO1). <sup>2</sup> Induces a DNA damage response and ultimately cell death. FEN1 inhibitors have therapeutic potential for the treatment of cancers that are defective for homologous repair and other DNA repair and DNA damage checkpoint pathways. <sup>4</sup> |