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## Product Datasheet

### **MDM2 Antagonist IV, Nutlin-3a ((-)-4-(4,5-bis-(4-Chlorophenyl)-2-(2-isopropoxy-4-methoxyphenyl)-4,5-dihydroimidazole-1-carbonyl)piperazine-2-one), CAS [[675576-98-4]] USB-217535**

|                            |                                                                                                                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | MDM2 Antagonist IV, Nutlin-3a ((-)-4-(4,5-bis-(4-Chlorophenyl)-2-(2-isopropoxy-4-methoxyphenyl)-4,5-dihydroimidazole-1-carbonyl)piperazine-2-one), CAS [[675576-98-4]]                                                                                                     |
| Biozol Catalog Number      | USB-217535                                                                                                                                                                                                                                                                 |
| Supplier Catalog Number    | 217535                                                                                                                                                                                                                                                                     |
| Alternative Catalog Number | USB-217535-5                                                                                                                                                                                                                                                               |
| Manufacturer               | US Biological                                                                                                                                                                                                                                                              |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                             |
| Product Description        | A cell-permeable and highly potent active enantiomer of Nutlin-3 that binds to the p53-binding pocket and blocks the interaction of p53 and MDM2 (IC <sub>50</sub> =90nM). Exhibits over 150-fold greater affinity for MDM2 than its less active enantiomer, Nutlin-3b.... |
| Molecular Weight           | 581.5                                                                                                                                                                                                                                                                      |
| Purity                     | ~98% (HPLC)                                                                                                                                                                                                                                                                |
| Form                       | Supplied as a white powder.                                                                                                                                                                                                                                                |
| CAS Number                 | [675576-98-4]                                                                                                                                                                                                                                                              |