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## Product Datasheet

### Tofacitinib, CAS [[477600-75-2]] FBM-10-2177

|                            |                                                                                                                                                                                                                                                                                                                                                        |
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| Article Name               | Tofacitinib, CAS [[477600-75-2]]                                                                                                                                                                                                                                                                                                                       |
| Biozol Catalog Number      | FBM-10-2177                                                                                                                                                                                                                                                                                                                                            |
| Supplier Catalog Number    | 10-2177                                                                                                                                                                                                                                                                                                                                                |
| Alternative Catalog Number | FBM-10-2177-5MG,FBM-10-2177-25MG                                                                                                                                                                                                                                                                                                                       |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                     |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                         |
| Product Description        | JAK inhibitor...                                                                                                                                                                                                                                                                                                                                       |
| Molecular Weight           | 312.37                                                                                                                                                                                                                                                                                                                                                 |
| Purity                     | 99% by HPLC and TLC NMR (conforms)                                                                                                                                                                                                                                                                                                                     |
| Form                       | Off-white solid                                                                                                                                                                                                                                                                                                                                        |
| CAS Number                 | [477600-75-2]                                                                                                                                                                                                                                                                                                                                          |
| Formula                    | C <sub>16</sub> H <sub>20</sub> N <sub>6</sub> O                                                                                                                                                                                                                                                                                                       |
| Application Notes          | Potent pan-JAK inhibitor, IC <sub>50</sub> s=1, 20 and 112 nM for JAK3, JAK2 and JAK1 respectively. <sup>1</sup> Displays potent antiinflammatory <sup>2</sup> and immunosuppressant <sup>3</sup> activity. Promotes a white-to-brown metabolic conversion in human adipocytes. <sup>4</sup> In therapeutic use for rheumatoid arthritis. <sup>5</sup> |